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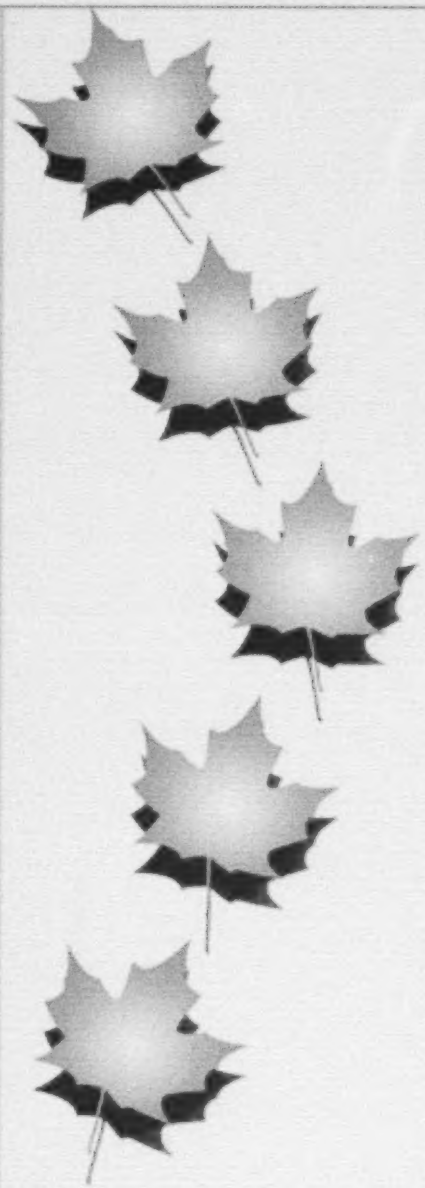

Canadian Patent Office Record

La Gazette du Bureau des brevets

Vol. 132 No. 29 July 20, 2004

Vol. 132 Nº. 29 le 20 juillet 2004

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications other than those concerning subscriptions or requests for single copies should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application

[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Reissue Grant Date
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux en-têtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux en-têtes des brevets sont des codes INID. Le sigle "INID" signifie "Identification numérique internationale des données bibliographiques". Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit:

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la convention de Paris
[41] - Date de mise à la disposition publique
[45] - Date de délivrance
[48] - Date de redélivrance
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Noms(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in Annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site at: **www.wipo.int/scit/en/standards/standards.htm**.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'Annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir du hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI à : **www.wipo.int/scit/fr/standards/standards.htm**.

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting **www.strategis.ic.gc.ca/patentsorder** or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting a copy in electronic form of a document: N/A
a) for each request $10
b) plus, for each patent or application to which the request relates $10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first $10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes $10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site web au **www.strategis.ic.gc.ca/brevetscommande** ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A OC9.

Article 25.1* Demande d'une copie d'un document sous forme électronique : S.O.
a) pour chaque demande 10 $
b) pour chaque demande de brevet ou brevet visé par la demande 10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel 10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur 10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied on request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 10 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 10 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing

2,189,307
2,324,158
2,339,770

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence.

2,189,307
2,324,158
2,339,770

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposées au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée d'obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. PATENT COOPERATION TREATY (PCT)

SCHEDULE OF FEES APPLICABLE FROM MAY 1, 2004

1.**Transmittal Fee** (Rule 14)	**$300.00**
2.***International Filing Fee**	**$1489.00**
Amount for each additional sheet over 30	**$16.00**
3.**International Search Fee**	**$2520.00**

The above-mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Office). These fees are to be paid in Canadian dollars and made payable to the Receiver General for Canada.

If the fees are not paid within one month from the International Filing Date, the Receiving Office shall invite the Applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the Receiving Office.

5.**Late Payment Fee**	**50% of the fees that are due, or, Minimum: Transmittal Fee Maximum: International Filing Fee Preliminary Examination**
6.**Handling Fee (Rule 57.2(a))**	**129 Euro**
7.**Preliminary Examination Fee** (Rule 58)	**1530 Euro**

The Preliminary Examination Fees are payable in Euros and should be paid directly to the European Patent Office in Munich. Please note that the European Patent Office will **NOT** consider the fees as being received until they reach Europe. It is preferable to fax both the demand and a copy of the bank draft to the EPO at 011-4989-2399-4465.

* International fees will be reduced by **$106** for all applications filed using PCT-SAFE**
** PCT-SAFE is replacing PCT-EASY.

11. TRAITÉ DE COOPÉRATION EN MATIERE DE BREVETS (PCT)

BARÈME DE TAXES À PARTIR DU 1 MAI 2004

1.**Taxe de transmission** (Règle 14)	**300,00 $**
2.***Taxe de dépôt internationale** (Règle 15.2(a))	**1489,00 $**
Montant pour chaque feuille au delà de 30	**16,00 $**
3.**Taxe de recherche internationale**	**2520.00 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande, (soit la date de réception de la demande internationale). Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Général du Canada.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

5.**Taxe pour paiement tardif**	**50% du montant impayé, ou, Minimum: taxe de transmission Maximum: taxe de base Examen préliminaire**
6.**Taxe de traitement**	**129 Euro**
7.**Taxe d'examen préliminaire** (Règle 58)	**1530 Euro**

Les taxes d'examen préliminaire sont payables en Euros et doivent être payées à l'Office européen des brevets à Munich. Veuillez noter que l'Office européen des brevets **ne** considérera **pas** les honoraires comme étant reçus jusqu'à ce qu'ils atteignent l'Europe. Il est préférable d'envoyer la demande et une copie par télécopieur de la traite bancaire au 011-4989-2399-4465.

* Les frais seront réduit de **106$** pour toutes les demandes déposées en utilisant PCT-SAFE**
** PCT-SAFE remplacera PCT-EASY.

12. PCT notices

PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten). (See PCT -Applicant's Guide, **http://www.wipo.int**).

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively. Those wishing for further information including prices for both previous and current subscriptions should contact WIPO -World Intellectual Property Organization at Information Products Section, Post Office Box 18, 1211 Geneva 20, Switzerland, Telephone (011 41 22) 338-9618, Facsimile (011 41 22) 740-1812 or by E-Mail at **publications.mail@wipo.int** or visit their website at **http//www.wipo.int**.

12. Avis PCT

Exigences des signatures du PCT

Veuillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire.
(Voir le Guide du déposant - PCT, **http://www.wipo.int**).

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant - PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI au coût de 200 francs suisses et 18 francs suisses, respectivement.
Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à l'OMPI - Organisation mondiale de la propriété intellectuelle à la Section des produits d'information, Boîte postale 18, 1211 Genève 20, Suisse, Téléphone (011 41 22) 338-9618, Télécopieur (011 41 22) 740-1812 ou par courriel à **publications.mail@wipo.int** ou visiter leur site web à **http//www.wipo.int**.

13. PRACTICE NOTICE

STATUTORY HOLIDAYS *(DIES NON)*

Note: This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the

13. ÉNONCÉ DE PRATIQUE

JOURS FÉRIÉS *(DIES NON)*

Nota : Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.

Délais prévus dans les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document

document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day on which such Office or organization is not open to the public for the purposes of the transaction of official business, or on which ordinary mail is not delivered in the locality in which such Office or organization is situated, the period shall expire on the next subsequent day on which neither of the two circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the doc-

est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit:

«Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles, ou bien un jour où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé, le délai prend fin le premier jour suivant auquel aucune de ces deux circonstances n'existe plus.»

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si

ument to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day)

When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

1) All Saturdays and Sundays
2) *New Year's Day (Jan. 1)
3) Good Friday
4) Easter Monday
5) Victoria Day - First Monday immediately preceding May 25
6) *St. John the Baptist Day (June 24)
7) *Canada Day (July 1)
8) Labour Day - First Monday in September
9) Thanksgiving Day - Second Monday in October
10) *Remembrance Day (November 11)
11) *Christmas Day (December 25)
12) Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

*If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, qui sont des jours fériés dans au moins une province ou territoire:

1) **Alberta**: 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique**: 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick**: 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse**: 1er lundi d'août(congé statutaire)
5) **Ontario**: 1er lundi d'août (congé statuaire)
6) **Québec**: 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan**: 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon**: 3e lundi d'août (Jour de la Découverte)

Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants:

1) Tous les samedi et dimanche
2) *Jour de l'An (1er janvier)
3) Vendredi Saint
4) Lundi de Pâques
5) Fête de Victoria - premier lundi précédant immédiatement le 25 mai
6) *Saint-Jean-Baptiste (le 24 juin)
7) *Fête du Canada (1er juillet)
8) Fête du travail - premier lundi de septembre
9) Jour de l'Action de grâces - deuxième lundi d'octobre
10) *Jour du souvenir (11 novembre)
11) *Jour de Noël (25 décembre)
12) L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

*Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of July 20, 2004 contains applications open to public inspection from June 27, 2004 - July 3, 2004

14. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la *Gazette du bureau des brevets* contient les demandes disponibles au public pour consultation pour la période du 27 juin 2004 - 3 juillet 2004

Canadian Patents Issued

July 20, 2004

Brevets canadiens délivrés

20 juillet 2004

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[11] **2,027,717**
[13] C
[51] **Int.Cl. 5A63B 69/18**
[25] EN
[54] **SKI EXERCISING APPARATUS**
[54] **EXERCISSEUR DE SKI**
[72] LOANE, R. JOEL, US
[73] LOANE, R. JOEL, US
[22] 1990-10-16
[30] US (07/426,881) 1989-10-24

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[11] **2,036,733**
[13] C
[51] **Int.Cl. 5C12N 5/08**
[25] EN
[54] **IMMUNODOMINANT ACETYLCHOLINE RECEPTOR PEPTIDES USEFUL FOR T-HELPER CELL SENSITIZATION**
[54] **PEPTIDES RECEPTEURS DE L'ACETYLCHOLINE IMMUNODOMINANTS UTILISES POUR LA SENSIBILISATION DES LYMPHOCYTES T AUXILIAIRES**
[72] CONTI-TRONCONI, BIANCA M., US
[72] PROTTI, MARIA PIA, US
[73] THE REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[22] 1991-02-20
[30] US (580,317) 1990-09-10

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[11] **2,039,928**
[13] C
[51] **Int.Cl. 5C07C 245/02 5C06B 23/00**
[25] EN
[54] **NON-DETONABLE POLY(GLYCIDYL AZIDE) PRODUCT**
[54] **PRODUIT A BASE DE POLY(GLYCIDYLAZIDE) NON DETONANT**
[72] JOHANNESSEN, BIRGER, US
[72] MANZARA, ANTHONY P., US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[22] 1991-04-08
[30] US (07/528,866) 1990-05-25

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[11] **2,042,640**
[13] C
[51] **Int.Cl. 5C07D 405/12 5G01N 33/52 5G01N 33/533 5G01N 21/64 5G01N 33/94**
[25] EN
[54] **BARBITURATE ASSAY, TRACERS, IMMUNOGENS, ANTIBODIES AND KIT**
[54] **METHODE DE DOSAGE DES BARBITURIQUES, MARQUEURS, SUBSTANCES IMMUNOGENES, ANTICORPS ET TROUSSE**
[72] ADAMCZYK, MACIEJ, US
[72] CANTARERO, LUIS A., US
[72] DUBLER, ROBERT EDWARD, US
[72] GROTE, JONATHAN, US
[72] JONAS, PATRICK F., US
[72] NELSON, JANE ANN, US
[73] ABBOTT LABORATORIES, US
[22] 1991-05-15
[30] US (524,195) 1990-05-16

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[13] C
[51] **Int.Cl. 5A61K 7/42**
[25] FR
[54] **EMULSION COSMETIQUE FILTRANTE COMPRENANT UN FILTRE UV-A ET UN FILTRE UV-B ET SON UTILISATION POUR LA PROTECTION DE LA PEAU CONTRE LES RADIATIONS ULTRAVIOLETTES**
[54] **FILTERING COSMETIC EMULSION CONTAINING A UV-A FILTER AND A UV-B FILTER, AND ITS USE IN PROTECTING THE SKIN AGAINST ULTRAVIOLET RADIATIONS**
[72] FORESTIER, SERGE, FR
[72] ETEVE, MARTINE, FR
[73] L'OREAL, FR
[22] 1991-05-17
[30] FR (90 06278) 1990-05-18

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[11] **2,051,900**
[13] C
[51] **Int.Cl. 5A61L 27/00 5B32B 15/14**
[25] EN
[54] **METHOD OF BONDING A TITANIUM POROUS SURFACE TO A COBALT-BASED ALLOY SUBSTRATE IN AN ORTHOPAEDIC IMPLANT DEVICE**
[54] **METHODE DE LIAISON D'UNE SURFACE POREUSE DE TITANE A UN SUPPORT D'ALLIAGE A BASE DE COBALT DANS UN IMPLANT ORTHOPEDIQUE**
[72] SHETTY, H. RAVINDRANATH, US
[72] HELDRETH, MARK A., US
[72] PARR, JACK E., US
[73] BRISTOL-MYERS SQUIBB COMPANY, US
[22] 1991-09-19
[30] US (633,597) 1990-12-21

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[13] C
[51] **Int.Cl. 5B32B 15/08 5B32B 27/06**
[25] EN
[54] **FOIL AND METHOD OF MAKING THE SAME**
[54] **OPERCULE ET METHODE DE FABRICATION**
[72] SCHMOOCK, HELMUTH, DE
[73] SCHMOOCK, HELMUTH, DE
[22] 1991-09-26
[30] DE (P 40 30 534) 1990-09-27
[30] DE (P 41 03 800) 1991-02-08

[11] **2,062,506**
[13] C
[51] **Int.Cl. 5F25J 3/00**
[25] FR
[54] **PROCEDE ET INSTALLATION DE PRODUCTION D'OXYGENE GAZEUX SOUS PRESSION**
[54] **PROCESS AND APPARATUS FOR PRODUCING PRESSURIZED OXYGEN GAS**
[72] GRENIER, MAURICE, FR
[73] L'AIR LIQUIDE SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE PO UR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[22] 1992-03-09
[30] FR (91 02 917) 1991-03-11
[30] FR (91 15 935) 1991-12-20

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[13] C
[51] **Int.Cl. 5G01N 27/416 5H01M 8/10 5G01N 27/27 5G01N 27/31**
[25] EN
[54] **APPARATUS FOR SENSING HYDROCARBONS AND CARBON MONOXIDE**
[54] **DETECTEUR D'HYDROCARBURES ET DE MONOXYDE DE CARBONE**
[72] LOGOTHETIS, ELEFTHERIOS MILTIADIS, US
[72] SOLTIS, RICHARD EDWARD, US
[73] FORD MOTOR COMPANY OF CANADA LIMITED, CA
[22] 1992-05-07
[30] US (07/713,243) 1991-06-07

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[13] C
[51] **Int.Cl. 5A61K 31/40 5A61K 31/56**
[25] EN
[54] **METHOD OF TREATING PRE-MENSTRUAL SYNDROME**
[54] **METHODE DE TRAITEMENT DU SYNDROME PRE-MENSTRUEL**
[72] COHEN, MICHAEL, NL
[73] APPLIED MEDICAL RESEARCH, LTD., US
[85] 1992-08-07
[86] 1990-02-09 (PCT/US1990/000154)
[87] (WO1991/012007)

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[11] **2,079,482**
[13] C
[51] **Int.Cl. 5A61K 31/295**
[25] EN
[54] **ANTIVIRAL COMPOSITIONS AND METHOD FOR THEIR USE**
[54] **COMPOSES ANTIVIRAUX, LEUR PREPARATION ET LEUR UTILISATION**
[72] SCHEER, DAVID I., US
[73] CHAI-TECH CORPORATION, US
[85] 1992-09-29
[86] 1991-03-28 (PCT/US1991/002146)
[87] (WO1991/015212)
[30] US (502,294) 199 -03-30

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[13] C
[51] **Int.Cl. 5C07C 237/26 5C07D 333/36 5C07D 215/38 5A61K 31/65 5C07D 307/66 5C07D 213/74**
[25] EN
[54] **NOVEL 9-AMINO-7-SUBSTITUTED-6-DEMETHYL-6-DEOXYTETRACYCLINES**
[54] **9-AMINO-6-DEMETHYL-6-DESOXYTETRACYCLINES SUBSTITUEES EN 7**
[72] HLAVKA, JOSEPH J., US
[72] SUM, PHAIK-ENG, US
[72] GLUZMAN, YAKOV, US
[72] LEE, VING J., US
[73] WYETH HOLDINGS CORPORATION, US
[22] 1992-10-02
[30] US (07/771,697) 1991-10-04

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[13] C
[51] **Int.Cl. 5C08F 236/04 5C08L 9/00 5C08L 21/00**
[25] EN
[54] **CORE-SHELL POLYMER FOR USE IN TIRE TREADS**
[54] **POLYMERE CAOUTCHOUTEUX POUR BANDES DE ROULEMENT**
[72] URBAN, PAUL CARL, CA
[73] BAYER INC., CA
[22] 1992-10-12
[30] US (787,507) 1991-11-04

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[11] **2,082,420**
[13] C
[51] **Int.Cl. 6A61K 38/30**
[25] EN
[54] **WOUND HEALING COMPOSITION COMPRISING PURIFIED IGF-I OR IGF-II AND A PURIFIED TGF-.BETA.**
[54] **COMPOSITION CICATRISANTE COMPRENANT DU IGF-I OU IGF-II PURIFIE ET UN TGF-.BETA. PURIFIE**
[72] ANTONIADES, HARRY N., US
[72] LYNCH, SAMUEL E., US
[73] INSTITUTE OF MOLECULAR BIOLOGY, INC., US
[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 1992-11-06
[86] 1991-05-30 (PCT/US1991/003829)
[87] (WO1991/018622)
[30] US (530,649) 1990-05-30

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[11] **2,083,127**
[13] C
[51] **Int.Cl. 5A61B 17/58**
[25] EN
[54] **PROTECTIVE CAP FOR AN OSTEOSYNTHESIS PIN AND ASSEMBLY INCLUDING THIS CAP AS WELL AS AN INSTRUMENT FOR FIXING IT ON THE PIN**
[54] **ENSEMBLE CHAPEAU DE PROTECTION POUR TIGE D'OSTEOSYNTHESE ET INSTRUMENT POUR LA POSE SUR LA TIGE**
[72] HIOT, JEAN-CLAUDE, FR
[72] OBRY, CHRISTOPHE, FR
[72] LETOT, PATRICK, FR
[72] SUEUR, PATRICK, FR
[72] OBRY, CHRISTOPHE, FR
[72] HIOT, JEAN-CLAUDE, FR
[72] SUEUR, PATRICK, FR
[72] LETOT, PATRICK, FR
[73] DISTRIMED, LTD., US
[73] SOMEPIC TECHNOLOGIES SOCIETE ANONYME, FR
[22] 1992-11-17
[30] FR (91 14 184) 1991-11-18

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[51] **Int.Cl. 5C07C 279/14 5C07C 257/14 5C07C 281/16 5A61K 31/195 5A61K 31/22 5C07D 209/28 5A61K 31/405 5C07C 317/44**
[25] EN
[54] **DUAL INHIBITORS OF NO SYNTHASE AND CYCLOOXYGENASE, PROCESS FOR THEIR PREPARATION AND THERAPEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **DOUBLES INHIBITEURS DE LA NO SYNTHASE ET DE LA CYCLO-OXYGENASE, LEUR MODE DE PREPARATION ET PREPARATIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[72] CHABRIER DE LASSAUNIERE, PIERRE-ETIENNE, FR
[72] BRAQUET, PIERRE, FR
[72] BROQUET, COLETTE, FR
[72] AUVIN, SERGE, FR
[73] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R .A.S.), FR
[22] 1992-12-16
[30] GB (9200114.8) 1992-01-04

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[11] **2,086,894**
[13] C
[51] **Int.Cl. 5A47G 1/16**
[25] EN
[54] **APPARATUSES AND METHODS FOR HANGING FRAMES**
[54] **DISPOSITIFS ET METHODES POUR SUSPENDRE DES CADRES**
[72] HART, HOYT E., US
[73] HART, HOYT E., US
[22] 1993-01-07
[30] US (07/822,061) 1992-01-14
[30] US (07/904,000) 1992-06-24

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[11] **2,087,957**
[13] C
[51] **Int.Cl. 5A61L 27/00 5A61L 25/00 5A61L 33/00**
[25] EN
[54] **TISSUE BONDING AND SEALING COMPOSITION AND METHOD OF USING THE SAME**
[54] **COMPOSITION DE FIXATION ET DE SOUDURE TISSULAIRE ET SA METHODE D'UTILISATION**
[72] BASS, LAWRENCE SAMUEL, US
[72] LIBUTTI, STEVEN KENNETH, US
[72] EATON, ALEXANDER MELLON, US
[73] THE TRUSTEES OF COLUMBIA UNIVERSITY, US
[85] 1993-01-22
[86] 1991-07-23 (PCT/US1991/005186)
[87] (WO1992/002238)
[30] US (560,069) 1990-07-27
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[13] C
[51] **Int.Cl. 5C09D 101/00 5C09D 129/04 5B05D 5/08**
[25] EN
[54] **NON-SPOTTING OVERSPRAY MASKING COMPOSITION**
[54] **COMPOSITION DE MASQUAGE PAR PULVERISATION, NE FORMANT PAS DE TACHES**
[72] WUERCH, DANIEL W., CA
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[22] 1993-02-05

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[11] **2,089,174**
[13] C
[51] **Int.Cl. 5C10G 47/18 5C10G 45/62 5C10G 45/64**
[25] EN
[54] **PROCESS FOR PREPARING MIDDLE DISTILLATES USING A COMBINATION OF AN INTERMEDIATE PORE SIZE SILICOALUMINOPHOSPHATE MOLECULAR SIEVE CATALYST AND A HYDROCRACKING CATALYST FOR SECOND STAGE HYDROCRACKING**
[54] **PROCEDE POUR PREPARER DES DISTILLATS MOYENS A L'AIDE D'UNE COMBINAISON DE CATALYSEURS**
[72] MILLER, STEPHEN J., US
[73] CHEVRON RESEARCH AND TECHNOLOGY COMPANY, US
[85] 1993-02-09
[86] 1991-08-14 (PCT/US1991/005821)
[87] (WO1992/003519)
[30] US (570,376) 1990-08-21

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[13] C
[51] **Int.Cl. 5B65D 5/74**
[25] EN
[54] **METHOD AND APPARATUS SEALING FITMENT TUBES INTO POUCHES**
[54] **METHODE ET DISPOSITIF DE THERMOSCELLANGE DE TUBES ET DE SACS**
[72] MCDONALD, GREGORY E., US
[72] OWENSBY, JOSEPH E., US
[73] CRYOVAC, INC., US
[22] 1993-03-31
[30] US (942,565) 1992-09-09

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[11] **2,093,702**
[13] C
[51] **Int.Cl. 5B64C 11/18 5B64C 27/46**
[25] FR
[54] **PALE POUR VOILURE TOURNANTE D'AERONEF, A EXTREMITE EN FLECHE**
[54] **ARROW SHAPED END BLADE FOR ROTARY WING AIRCRAFT**
[72] TOULMAY, FRANCOIS VALENTIN, FR
[72] FALCHERO, DANIELE ANNE, FR
[73] SOCIETE ANONYME DITE: EUROCOPTER FRANCE, FR
[22] 1993-04-08
[30] FR (92 04353) 1992-04-09

[11] **2,094,122**
[13] C
[51] **Int.Cl. 5A61K 31/545 5A61K 9/20**
[25] FR
[54] **PROCEDE DE PREPARATION PAR COMPRESSION DIRECTE DE COMPRIMES DE DERIVES DE L'ACIDE CEPHALOSPORANIQUE**
[54] **DIRECT COMPRESSION METHOD FOR PREPARING PILLS HAVING CEPHALOSPORANIC ACID DERIVATIVES**
[72] LALY, JEAN-LOUIS, FR
[72] LOMBARDI, ROBERTO, FR
[73] AVENTIS PHARMA S.A., FR
[85] 1993-04-15
[86] 1991-11-08 (PCT/FR1991/000872)
[87] (WO1992/008463)
[30] FR (90 14210) 1990-11-15

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[51] **Int.Cl. 5C12N 15/49 6C07K 19/00 6C07K 14/02 5C12P 21/08 5A61K 39/145 6C07K 14/16 5A61K 39/21 5C12N 9/24 5A61K 39/39 5G01N 33/569 5C12N 15/62**
[25] EN
[54] **PEPTIDES THAT INDUCE ANTIBODIES WHICH NEUTRALIZE GENETICALLY DIVERGENT HIV-1 ISOLATES**
[54] **PEPTIDES INDUISANT DES ANTICORPS QUI NEUTRALISENT LES ISOLATS DE VIH-1 DIVERGENTS SUR LE PLAN GENETIQUE**
[72] KATINGER, HERMANN, AT
[72] RUKER, FLORIAN, AT
[72] HIMMLER, GOTTFRIED, AT
[72] MUSTER, THOMAS, AT
[72] TRKOLA, ALEXANDRA, AT
[72] PURTSCHER, MARTIN, AT
[72] MAIWALD, GEORG, AT
[72] STEINDL, FRANZ, AT
[72] KATINGER, HERMANN, AT
[73] KATINGER, HERMANN, AT
[73] KATINGER, HERMANN, AT
[22] 1993-05-13
[30] AT (A 987/92) 1992-05-14
[30] US (932,787) 1992-08-29

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[13] C
[51] **Int.Cl. 5C07D 307/83 5C08K 5/00 5C08K 5/15**
[25] EN
[54] **3-(ACYLOXYPHENYL)BENZOFURAN-2-ONE STABILISERS**
[54] **STABILISATEURS A BASE DE 3-(ACYLOXYPHENYL)BENZOFURAN-2-ONE**
[72] NESVADBA, PETER, CH
[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[22] 1993-05-14
[30] CH (1652/92-3) 1992-05-22

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[51] **Int.Cl. 5A23C 9/123**
[25] EN
[54] **AN APPARATUS FOR THE PREPARATION AND DISTRIBUTION OF FERMENTED DAIRY PRODUCTS, ESPECIALLY YOGHURT**
[54] **APPAREIL SERVANT A PREPARER ET A DISTRIBUER DES PRODUITS LAITIERS FERMENTES, NOTAMMENT DU YOGOURT**
[72] OLIVETTI, MAURIZIO, IT
[73] LIFE SAVER S.R.L., IT
[22] 1993-05-26
[30] IT (RM92A000389) 1992-05-27

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[13] C
[51] **Int.Cl. 5C09B 45/22 5G11B 7/24 5C07C 323/36 5C07D 277/82**
[25] EN
[54] **METAL CHELATE COMPOUND AND OPTICAL RECORDING MEDIUM USING THE COMPOUND**
[54] **SUBSTANCE CHELATEE ET SUPPORT D'ENREGISTREMENT OPTIQUE UTILISANT CETTE SUBSTANCE**
[72] OCHIAI, TAMEICHI, JP
[72] KUROSE, YUTAKA, JP
[72] NAGAO, TAKUMI, JP
[72] TSUKAHARA, TAKAKO, JP
[72] IMAMURA, SATORU, JP
[73] MITSUBISHI CHEMICAL CORPORATION, JP
[22] 1993-06-01
[30] JP (141812/1992) 1992-06-02
[30] JP (268857/1992) 1992-10-07

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[11] **2,102,763**
[13] C
[51] **Int.Cl. 5B65B 51/26**
[25] EN
[54] **APPARATUS FOR LONGITUDINAL WELDING WITH FAST AND RELIABLE TRIMMED SCRAP REMOVAL**
[54] **APPAREIL DE SOUDAGE LONGITUDINAL AVEC ENLEVEMENT RAPIDE DU MATERIAU DE SURPLUS**
[72] BALLESTRAZZI, ARIS, IT
[72] TASSI, LAMBERTO, IT
[73] SITMA S.P.A., IT
[22] 1993-11-09
[30] IT (MI92 U000977) 1992-11-11

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[11] **2,103,148**
[13] C
[51] **Int.Cl. 5G01N 33/68 6A61K 38/04 5G01N 33/564**
[25] EN
[54] **DETERMINATION OF MOTIFS OF PEPTIDES ON MHC MOLECULES**
[54] **DETERMINATION DE MOTIFS PEPTIDIQUES SUR DES MOLECULES DU CMH**
[72] RAMMENSEE, HANS-GEORG, DE
[72] FALK, KIRSTEN, US
[72] ROTZSCHKE, OLAF, US
[72] STEVANOVIC, STEFAN, DE
[72] JUNG, GUNTHER, DE
[73] MAX-PLANCK-GESELLSCHAFT ZUR FORDERRUNG DER WISSENSCHAFTEN E.V., DE
[85] 1993-11-15
[86] 1992-05-15 (PCT/EP1992/001072)
[87] (WO1992/021033)
[30] DE (P 41 16 256.0) 1991-05-17

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[13] C
[51] **Int.Cl. 5G01N 27/416 5G01N 27/327**
[25] EN
[54] **TECHNIQUES TO IMPROVE THE PERFORMANCE OF ELECTROCHEMICAL SENSORS**
[54] **TECHNIQUES PERMETTANT D'AMELIORER LA PERFORMANCE DE CAPTEURS ELECTROCHIMIQUES**
[72] JOHNSON, KIRK W., US
[72] MASTROTOTARO, JOHN J., US
[73] DISETRONIC LICENSING AG, CH
[22] 1993-11-17
[30] US (07/980,465) 1992-11-23

[11] **2,104,016**
[13] C
[51] **Int.Cl. 5F24B 5/02 5F24B 13/00**
[25] EN
[54] **SOLID FUEL HEATING STOVE**
[54] **POELE DE CHAUFFAGE AU COMBUSTIBLE SOLIDE**
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[73] GREENALL, JONATHAN, GB
[85] 1993-08-12
[86] 1992-02-14 (PCT/GB1992/000268)
[87] (WO1992/014972)
[30] GB (9103161.7) 1991-02-14

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[51] **Int.Cl. 5A61B 17/34**
[25] EN
[54] **LANCET**
[54] **LANCETTE**
[72] MORITA, SUSUMU, JP
[73] APLS CO., LTD., JP
[22] 1993-08-17
[30] JP (60676/1992) 1992-08-28

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[13] C
[51] **Int.Cl. 5C02F 11/02 5C02F 3/34**
[25] EN
[54] **SEMI-CONTINUOUS BACTERIAL LEACHING PROCESS**
[54] **PROCEDE SEMI-CONTINU DE LIXIVIATION BACTERIENNE**
[72] TYAGI, RAJESHWAR D., CA
[72] BLAIS, JEAN-FRANCOIS, CA
[72] AUCLAIR, JEAN C., CA
[73] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
[85] 1993-09-09
[86] 1992-04-30 (PCT/CA1992/000184)
[87] (WO1992/019551)
[30] US (693,650) 1991-04-30

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[51] **Int.Cl. 5C12N 11/08 5A61L 27/00 5A61L 33/00 5C12M 3/02 6C07K 17/08 5B01J 19/12 5G01N 33/545**
[25] EN
[54] **IMMOBILIZATION OF CHEMICAL SPECIES IN CROSSLINKED MATRICES**
[54] **IMMOBILISATION D'ESPECES CHIMIQUES DANS DES MATRICES RETICULEES**
[72] SWAN, DALE G., US
[72] JOSEPHSON, MARK W., US
[72] SWANSON, MELVIN J., US
[73] SURMODICS, INC., US
[85] 1993-10-04
[86] 1993-02-11 (PCT/US1993/001248)
[87] (WO1993/016176)
[30] US (835,206) 1992-02-13

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[13] C
[51] **Int.Cl. 5B08B 9/02 5A61M 39/00 5G21G 4/08**
[25] EN
[54] **METHOD OF CONVEYING LIQUID MATERIALS AND DEVICE FOR THE AUTOMATED ELUTION OF A RADIONUCLIDE GENERATOR**
[54] **METHODE D'ACHEMINEMENT DE LIQUIDES ET DISPOSITIF D'ELUTION AUTOMATIQUE D'UN GENERATEUR DE RADIONUCLEIDES**
[72] WELLS, CHARLES PHILIP, GB
[72] KETTLE, ANDREW GEORGE, GB
[73] MALLINCKRODT INC., US
[85] 1993-10-07
[86] 1992-04-30 (PCT/US1992/003564)
[87] (WO1992/003564)
[30] EP (91201036.0) 1991-05-01

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[13] C
[51] **Int.Cl. 5A01N 57/20 5C02F 5/12 5C02F 5/14**
[25] EN
[54] **SYNERGISTIC ANTIMICROBIAL COMBINATION OF POLYETHER PHOSPHONATES AND NON-OXIDIZING BIOCIDES**
[54] **COMBINAISON ANTIMICROBIENNE SYNERGIQUE DE PHOSPHONATES DE POLYETHER ET DE BIOCIDES NON OXYDANTS**
[72] MUIA, RAMON A., US
[72] SHERWOOD, NANCY S., US
[73] CALGON CORPORATION, US
[22] 1993-10-12
[30] US (961,578) 1992-10-15

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[51] **Int.Cl. 5F02M 37/22 5F02M 37/00**
[25] EN
[54] **FUEL DELIVERY SYSTEM FOR DIESEL ENGINES**
[54] **CIRCUIT D'ALIMENTATION EN CARBURANT POUR MOTEURS DIESELS**
[72] EKSTAM, CHARLES L., US
[73] EKSTAM, CHARLES L., US
[22] 1993-10-14

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[13] C
[51] **Int.Cl. 5G04C 3/00 5G04F 1/00**
[25] EN
[54] **TIMEPIECE INCLUDING A POWER CELL COMPARTMENT CLOSED BY A GASKET SEAL**
[54] **DISPOSITIF D'HORLOGERIE COMPRENANT UN COMPARTIMENT POUR PILE ELECTRIQUE FERME PAR UN JOINT D'ETANCHEITE**
[72] CRETTENAND, JACQUES, CH
[73] ETA SA FABRIQUES D'EBAUCHES, CH
[22] 1993-10-27
[30] CH (03 486/92-0) 1992-11-11

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[13] C
[51] **Int.Cl. 5B26D 1/22 5B26D 9/00**
[25] EN
[54] **DEVICE FOR TRIMMING FLAT PRODUCTS, ESPECIALLY MULTI-SHEET PRINTED PRODUCTS**
[54] **APPAREIL POUR ROGNER LES PRODUITS PLATS, PARTICULIEREMENT LES IMPRIMES MULTIFEUILLES**
[72] STAUBER, HANS-ULRICH, CH
[73] FERAG AG, CH
[22] 1993-12-17
[30] DE (P 42 43 060.7) 1992-12-18

[11] **2,114,980**
[13] C
[51] **Int.Cl. 5C30B 25/10 5C30B 25/16 5H01L 21/205**
[25] EN
[54] **METHOD AND APPARATUS FOR PREPARING CRYSTALLINE THIN-FILMS FOR SOLID-STATE LASERS**
[54] **METHODE ET APPAREIL DE FABRICATION DE COUCHES MINCES CRISTALLINES POUR LES LASERS A SEMICONDUCTEUR**
[72] KUMAGAI, HIROSHI, JP
[72] TOYODA, KOUICHI, JP
[73] RIKAGAKU KENKYUSHO, JP
[22] 1994-02-04
[30] JP (5-40551) 1993-02-04

[11] **2,115,715**
[13] C
[51] **Int.Cl. 5A61B 5/0444 5A61B 5/14**
[25] EN
[54] **SENSOR DEVICE FOR MEASURING VITAL PARAMETERS OF A FETUS DURING LABOR AND DELIVERY**
[54] **DETECTEUR POUR LA MESURE DES PARAMETRES VITAUX DU FOETUS PENDANT LE TRAVAIL ET L'ACCOUCHEMENT**
[72] RALL, GERHARD, DE
[72] KNITZA, REINHOLD, DE
[73] RALL, GERHARD, DE
[73] KNITZA, REINHOLD, DE
[22] 1994-02-15
[30] DE (P 43 04 693.2) 1993-02-16

[11] **2,116,855**
[13] C
[51] **Int.Cl. 5C03C 17/34 5G02B 1/10 5H01J 29/88**
[25] EN
[54] **AN ELECTRICALLY-CONDUCTIVE, LIGHT-ATTENUATING ANTIREFLECTION COATING**
[54] **REVETEMENT ANTIREFLET, ADOUCISSANT ET CONDUCTEUR D'ELECTRICITE**
[72] BJORNARD, ERIK J., US
[72] STEFFENHAGEN, DEBRA, US
[72] AUSTIN, R. RUSSEL, US
[73] VIRATEC THIN FILMS, INC., US
[85] 1994-03-02
[86] 1992-08-28 (PCT/US1992/007150)
[87] (WO1993/004993)
[30] US (753,714) 1991-09-03

[11] **2,118,506**
[13] C
[51] **Int.Cl. 5D21F 1/66**
[25] EN
[54] **PROCESS AND APPARATUS FOR CIRCULATING BACKWATER IN A PAPERMAKING MACHINE**
[54] **PROCEDE ET APPAREIL SERVANT A FAIRE CIRCULER L'EAU DE RETOUR DANS UNE MACHINE A PAPIER**
[72] MEINANDER, PAUL OLOF, FI
[73] POM TECHNOLOGY OY AB, FI
[85] 1994-10-19
[86] 1993-05-19 (PCT/FI1993/000214)
[87] (WO1993/023612)
[30] FI (922285) 1992-05-19

[11] **2,120,297**
[13] C
[51] **Int.Cl. 5B01D 1/22**
[25] EN
[54] **EVAPORATOR OPERATING ON FALLING FILM PRINCIPLE**
[54] **EVAPORATEUR A COUCHES MINCES**
[72] KNUUTILA, MATTI, FI
[72] NURMINEN, KALEVI, FI
[72] VAISTOMAA, JUKKA, FI
[72] MAKELA, ANSSI, FI
[73] KVAERNER POWER OY, FI
[22] 1994-03-30
[30] FI (931496) 1993-04-01

[11] **2,122,967**
[13] C
[51] **Int.Cl. 5H04N 5/74**
[25] EN
[54] **PROJECTION TYPE TELEVISION RECEIVER AND ITS APPLICATION IN A LARGE SCREEN VIDEO DISPLAY APPARATUS**
[54] **RECEPTEUR DE TELEVISION DU TYPE A PROJECTION ET SON UTILISATION DANS UN APPAREIL D'AFFICHAGE VIDEO A GRAND ECRAN**
[72] YAMADA, TADAYOSHI, JP
[72] TOZUKA, MASAHIRO, JP
[72] GOTO, KATUMI, JP
[72] SIMATANI, TUYOSHI, JP
[72] MAEDA, YOSHINOBU, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 1994-05-05
[30] JP (5-106569) 1993-05-07

[11] **2,123,317**
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[51] **Int.Cl. 5A61B 17/02 5A61M 29/02**
[25] EN
[54] **ENDOSCOPIC INFLATABLE RETRACTION DEVICES FOR SEPARATING LAYERS OF TISSUE, AND METHODS OF USING**
[54] **INSTRUMENTS ENDOSCOPIQUES GONFLABLES DE RETRACTION SERVANT A LA SEPARATION DE COUCHES DE TISSUS ET METHODES D'UTILISATION**
[72] CHIN, ALBERT K., US
[72] LUNSFORD, JOHN P., US
[73] SHERWOOD SERVICES AG, CH
[85] 1994-05-10
[86] 1992-11-19 (PCT/US1992/009846)
[87] (WO1993/009722)
[30] US (794,590) 1991-11-19
[30] US (911,714) 1992-07-10

[11] **2,123,360**
[13] C
[51] **Int.Cl. 5B29C 45/74 5B29C 45/20**
[25] EN
[54] **INJECTION MOLDING NOZZLE WITH TWO REMOVABLE INSERTS**
[54] **BUSE DE PRESSE A INJECTION AVEC DEUX DOUILLES TARAUDEES**
[72] GELLERT, JOBST ULRICH, CA
[73] MOLD-MASTERS LIMITED, CA
[22] 1994-05-11

[11] **2,128,611**
[13] C
[51] **Int.Cl. 5A61F 5/01 5A61B 5/103**
[25] EN
[54] **APPARATUS FOR THE ANTIGRAVITY MODIFICATION OF THE MYOTENSIONS ADAPTING THE HUMAN POSTURE IN ALL OF THE THREE PLANES OF THE SPACE**
[54] **INSTRUMENT POUR LA MODIFICATION ANTIGRAVIFIQUE DES TENSIONS MUSCULAIRES QUI ADAPTENT LA POSTURE DU CORPS HUMAIN DANS LES TROIS PLANS DE L'ESPACE**
[72] GIOVANNETTI, GIOVANNI BATTISTA, IT
[73] GIOVANNETTI, GIOVANNI BATTISTA, IT
[85] 1994-07-21
[86] 1993-01-22 (PCT/IT1993/000005)
[87] (WO1993/014733)
[30] IT (RM92A000051) 1992-01-23

[11] **2,129,664**
[13] C
[51] **Int.Cl. 5B65D 1/02 5B29C 33/42 5B29C 49/48**
[25] EN
[54] **SELF SUPPORTING PLASTIC BOTTLE WITH TEXTURED THIN WALLS**
[54] **FLACON EN PLASTIQUE A PAROI MINCE ET A SURFACE TEXTUREE**
[72] BERGNER, RAINER, DE
[72] DROESSLER, HUBERT, DE
[72] KITTSCHER, PETER, DE
[72] KONKEL, SIEGFRIED, DE
[72] WEISS, VOLKER, DE
[72] WELTGEN, PAUL-OTTO, DE
[73] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[85] 1994-08-05
[86] 1993-01-27 (PCT/EP1993/000185)
[87] (WO1993/015961)
[30] DE (P 42 03 209.1) 1992-02-05
[30] DE (P 42 09 436.4) 1992-03-24

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[51] **Int.Cl. 5F16K 3/02**
[25] EN
[54] **GATE VALVE SLEEVE**
[54] **MANCHON DE ROBINET-VANNE**
[72] MCCUTCHEON, ANDREW J., US
[72] GAMBETTA, DAVID L., US
[72] BOWMAN, JEFFREY M., US
[73] TYCO VALVES & CONTROLS, INC., US
[22] 1994-08-30
[30] US (08/123,421) 1993-09-16
[30] US (08/261,344) 1994-06-16

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[51] **Int.Cl. 5E01D 15/12 5E01D 21/00**
[25] EN
[54] **BRIDGE MODULE**
[54] **ELEMENT MODULAIRE DE PONT**
[72] CONNOR, RICHARD CHARLES, GB
[72] MITCHELL, KEITH JOHN, GB
[73] QINETIQ LIMITED, GB
[85] 1994-09-28
[86] 1993-04-02 (PCT/GB1993/000704)
[87] (WO1993/021390)
[30] GB (9208291.6) 1992-04-15

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[13] C
[51] **Int.Cl. 5G01L 9/00 5G01L 1/10 5G01K 5/52 5G01K 5/58**
[25] EN
[54] **MICROMACHINED SENSOR DEVICE**
[54] **CAPTEUR MICRO-USINE**
[72] DOUMA, BINDERT S., NL
[72] EIGENRAAM, PETER, NL
[73] SHELL CANADA LIMITED, CA
[85] 1994-09-28
[86] 1993-03-24 (PCT/EP1993/000736)
[87] (WO1993/020422)
[30] EP (92200910.5) 1992-03-30

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[51] **Int.Cl. 5A61K 31/50**
[25] EN
[54] **ANTI-ISCHEMIC MEDICAMENT**
[54] **MEDICAMENT CONTRE L'ISCHEMIE**
[72] HAIKALA, HEIMO OLAVI, FI
[72] LEVIJOKI, JOUKO MIKAEL, FI
[72] BACKSTROM, REIJO JOHANNES, FI
[72] NORE, PENTTI TAPIO, FI
[72] HONKANEN, ERKKI JUHANI, FI
[73] ORION-YHTYMA OY, FI
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[86] 1993-05-05 (PCT/FI1993/000191)
[87] (WO1993/021921)
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[51] **Int.Cl. 5B65D 65/42 5B32B 27/10 5B32B 25/20 5B65D 75/52**
[25] EN
[54] **FLEXIBLE CONTAINER WITH NONSTICK INTERIOR**
[54] **EMBALLAGE SOUPLE AVEC INTERIEUR ANTIADHESIF**
[72] QUICK, JAMES R., US
[72] GORDON, ROBERT L., US
[72] ULRICH, HELGA H., US
[72] HESS, BARRY L., US
[73] INTERNATIONAL PAPER COMPANY, US
[85] 1994-11-14
[86] 1993-05-14 (PCT/US1993/004597)
[87] (WO1993/023310)
[30] US (07/883,747) 1992-05-15
[30] US (08/009,486) 1993-01-26

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[13] C
[51] **Int.Cl. 5H03M 1/12 5H04N 5/335**
[25] EN
[54] **METHOD AND APPARATUS FOR MULTIPLEXED OVERSAMPLED ANALOG TO DIGITAL MODULATION**
[54] **METHODE ET APPAREIL DE MODULATION MULTIPLEX ANALOGIQUE-NUMERIQUE A SURECHANTILLONNAGE**
[72] MANDL, WILLIAM J., US
[73] MANDL, WILLIAM J., US
[85] 1994-11-18
[86] 1993-05-17 (PCT/US1993/004627)
[87] (WO1993/023927)
[30] US (07/885,474) 1992-05-19

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[13] C
[51] **Int.Cl. 5A61B 17/58 5A61B 17/16**
[25] EN
[54] **MEDULLARY CAVITY TEMPLATE**
[54] **MATRICE DE LA CAVITE MEDULLAIRE**
[72] PENNIG, DIETMAR, DE
[72] FACCIOLI, GIOVANNI, IT
[72] ROSSI, STEFANO, IT
[73] ORTHOFIX S.R.L., IT
[22] 1994-12-19
[30] US (318,671) 1994-10-12

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[13] C
[51] **Int.Cl. 5C03C 4/08 5C03C 3/078 5C03C 3/087**
[25] EN
[54] **NEUTRAL, LOW TRANSMITTANCE GLASS**
[54] **VERRE NEUTRE A FACTEUR DE TRANSMISSION PEU ELEVE**
[72] BAKER, RODNEY G., US
[72] HIGBY, PAIGE L., US
[72] FYLES, KENNETH M., GB
[73] LIBBEY-OWENS-FORD CO., US
[73] PILKINGTON PLC, GB
[85] 1994-12-29
[86] 1994-05-03 (PCT/US1994/004850)
[87] (WO1994/025408)
[30] US (057,742) 1993-05-05

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[13] C
[51] **Int.Cl. 5A61B 8/12**
[25] EN
[54] **AUTOMATED LONGITUDINAL POSITION TRANSLATOR FOR ULTRASONIC IMAGING PROBES, AND METHOD OF USING SAME**
[54] **TRANSLATEUR LONGITUDINAL AUTOMATISE POUR LES SONDES D'IMAGERIE ULTRASONORE ET SA METHODE D'UTILISATION**
[72] WEBLER, WILLIAM E., US
[72] BUHR, MARK S., US
[73] BOSTON SCIENTIFIC LIMITED, BB
[85] 1994-12-30
[86] 1993-06-29 (PCT/US1993/006360)
[87] (WO1994/000052)
[30] US (07/906,311) 1992-06-30

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[13] C
[51] **Int.Cl. 6H04N 5/917 6H04N 7/088**
[25] EN
[54] **METHOD AND APPARTUS FOR DIGITALLY RECORDING AND REPRODUCING DATE RECORDED IN THE VERTICAL BLANKING PERIOD OF VIDEO SIGNAL**
[54] **PROCEDE ET DISPOSITIF POUR ENREGISTRER NUMERIQUEMENT ET POUR REPRODUIRE LA DATE D'ENREGISTREMENT DANS LA PERIODE DE SUPPRESSION VERTICALE DU SIGNAL VIDEO**
[72] OGURO, MASAKI, JP
[72] IIZUKA, KEN, JP
[73] SONY CORPORATION, JP
[22] 1995-01-20
[30] JP (P06-019991) 1994-01-20
[30] JP (P06-19990) 1994-01-20

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[13] C
[51] **Int.Cl. 6A61B 1/04 6A61B 1/00**
[25] EN
[54] **STERILIZABLE ENDOSCOPE WITH SEPARABLE DISPOSABLE TUBE ASSEMBLY**
[54] **ENDOSCOPE STERILISABLE DOTE DE TUBES JETABLES ET SEPARABLES**
[72] ADAIR, EDWIN L., US
[73] ADAIR, EDWIN L., US
[85] 1995-02-28
[86] 1993-08-27 (PCT/US1993/008292)
[87] (WO1994/005200)
[30] US (07/938,629) 1992-09-01

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[11] **2,143,710**
[13] C
[51] **Int.Cl. 6F16H 1/12**
[25] EN
[54] **BELT TENSIONING SYSTEM, BELT TENSIONER THEREFOR AND METHODS OF MAKING THE SAME**
[54] **TENDEUR DE COURROIES; METHODE DE SA FABRICATION**
[72] GARDNER, DAVID E., US
[72] NOVAK, DAVID B., US
[73] DAYCO PRODUCTS, INC., US
[85] 1995-03-01
[86] 1993-09-17 (PCT/US1993/008864)
[87] (WO1994/007057)
[30] US (07/947,317) 1992-09-18

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[13] C
[51] **Int.Cl. 6H05K 5/00 6H01H 69/02 6H01H 85/20 6H01H 85/38**
[25] EN
[54] **CURRENT-LIMITING FUSE AND HOUSING ARRANGEMENT**
[54] **FUSIBLE LIMITEUR DE COURANT ET BOITIER CORRESPONDANT**
[72] JACKSON, HIRAM S., US
[73] S&C ELECTRIC COMPANY, US
[22] 1995-03-31
[30] US (08/225,161) 1994-04-07

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[13] C
[51] **Int.Cl. 6B61F 5/52**
[25] FR
[54] **CHASSIS DE BOGIE**
[54] **TRUCK FRAME**
[72] RIMBAUD, MICHEL, FR
[72] LIODENOT, FREDERIC, FR
[73] GEC ALSTHOM TRANSPORT SA, FR
[22] 1995-05-29
[30] FR (94 06 535) 1994-05-30

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[13] C
[51] **Int.Cl. 6G06F 17/60 6G06F 19/00**
[25] EN
[54] **COMPUTER BASED TRAINING SYSTEM**
[54] **SYSTEME DE FORMATION ASSISTEE PAR ORDINATEUR**
[72] MARSH, THOMAS GERARD, IE
[72] O'CONNELL, CIARAN, IE
[73] CBT (TECHNOLOGY) LIMITED, IE
[22] 1995-06-06
[30] IE (S94 0460) 1994-06-07

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[11] **2,152,804**
[13] C
[51] **Int.Cl. 6F16L 11/08 6B29C 47/26**
[25] FR
[54] **CONDUIT MULTICOUCHE ET FILIERE POUR SA FABRICATION**
[54] **MULTILAYER DUCT AND DIE FOR PRODUCING SAME**
[72] LEROY, JEAN-MARIE, FR
[72] COURANT, ALAIN, FR
[73] ETABLISSEMENTS COURANT S.A., FR
[85] 1995-06-27
[86] 1993-12-28 (PCT/FR1993/001311)
[87] (WO1994/015130)
[30] FR (92/16043) 1992-12-29

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[13] C
[51] **Int.Cl. 6H04L 12/56**
[25] EN
[54] **CONTROLLED ACCESS ATM SWITCH**
[54] **COMMUTATEUR MTA A ACCES CONTROLE**
[72] PETERSEN, LARS-GORAN, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 1995-06-30
[86] 1994-01-28 (PCT/SE1994/000065)
[87] (WO1994/017617)
[30] US (08/011,378) 1993-01-29

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[11] **2,154,255**
[13] C
[51] **Int.Cl. 6B62B 7/10**
[25] FR
[54] **ENSEMBLE PLIABLE POUR LE SUPPORT OU LE TRANSPORT D'UNE PERSONNE**
[54] **FOLDABLE ASSEMBLY FOR THE SUPPORT OR TRANSPORTATION OF A PERSON**
[72] BONNIER, MICHEL, FR
[72] BONNIER, GEORGES, FR
[72] TAILLARD, ANDRE, FR
[73] MGB, FR
[85] 1995-07-19
[86] 1994-01-19 (PCT/FR1994/000064)
[87] (WO1994/016928)
[30] FR (93/00697) 1993-01-20
[30] FR (93/09926) 1993-08-06
[30] FR (93/10338) 1993-08-24

[11] **2,155,566**
[13] C
[51] **Int.Cl. 6C25D 9/06**
[25] EN
[54] **TWO-STEP ELECTROCHEMICAL PROCESS FOR COATING MAGNESIUM**
[54] **PROCEDE ELECTROCHIMIQUE DE REVETEMENT EN DEUX ETAPES DE SURFACES DE MAGNESIUM**
[72] BARTAK, DUANE E., US
[72] LEMIEUX, BRIAN E., US
[72] WOOLSEY, EARL R., US
[73] TECHNOLOGY APPLICATIONS GROUP, INC., US
[85] 1995-08-07
[86] 1993-02-09 (PCT/US1993/001165)
[87] (WO1994/018362)

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[13] C
[51] **Int.Cl. 6H04N 15/00 6G02B 27/22**
[25] FR
[54] **DISPOSITIF ET SYSTEME VIDEO AUTOSTEREOSCOPIQUE**
[54] **AUTOSTEREOSCOPIC VIDEO DEVICE AND SYSTEM**
[72] ALLIO, PIERRE, FR
[73] ALLIO, PIERRE, FR
[85] 1995-10-23
[86] 1994-04-26 (PCT/FR1994/000470)
[87] (WO1994/026072)
[30] FR (93 05382) 1993-05-05

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[11] **2,163,014**
[13] C
[51] **Int.Cl. 6C08L 27/04 6B29D 7/01 6C08L 23/26 6B32B 27/30**
[25] EN
[54] **BARRIER BLEND AND FOOD PACKAGING FILM CONTAINING THE BLEND**
[54] **MELANGE-BARRIERE ET PELLICULE D'EMBALLAGE, POUR ALIMENTS, A BASE DE CE MELANGE**
[72] PALEARI, MARIO, IT
[72] FORNASIERO, TITO, IT
[73] CRYOVAC, INC., US
[85] 1995-11-15
[86] 1994-06-03 (PCT/US1994/006275)
[87] (WO1994/029384)
[30] EP (93304312.7) 1993-06-03

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[13] C
[51] **Int.Cl. 6A61M 15/00 6B65D 83/04**
[25] EN
[54] **CAPSULE HOLDER**
[54] **PORTE-CAPSULE**
[72] HOCHRAINER, DIETER, DE
[72] KINNEIR, ROSS, GB
[73] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[85] 1995-11-30
[86] 1994-05-28 (PCT/EP1994/001751)
[87] (WO1994/028958)
[30] DE (P 43 18 455.3) 1993-06-03

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[11] **2,167,396**
[13] C
[51] **Int.Cl. 6G02F 1/136 6G02F 1/1343**
[25] EN
[54] **SILICON PIXEL ELECTRODE**
[54] **ELECTRODE DE PIXEL EN SILICIUM**
[72] SARMA, KALLURI R., US
[73] HONEYWELL INC., US
[85] 1996-01-16
[86] 1994-07-28 (PCT/US1994/008504)
[87] (WO1995/004301)
[30] US (08/099/961) 1993-07-29

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[11] **2,167,430**
[13] C
[51] **Int.Cl. 6F16K 5/12**
[25] EN
[54] **HYBRID ROTARY CONTROL VALVE ASSEMBLY**
[54] **SOUPAPE ROTATIVE HYBRIDE**
[72] GEYER, CRAIG, US
[73] GENERAL SIGNAL CORPORATION, US
[22] 1996-01-17
[30] US (387,275) 1995-02-13

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[11] **2,168,123**
[13] C
[51] **Int.Cl. 6G01M 3/26**
[25] EN
[54] **METHODS FOR MEASURING FLOW RATES TO DETECT LEAKS**
[54] **METHODE DE DETECTION DES FUITES PAR MESURE DU DEBIT**
[72] MARESCA, JOSEPH W., JR., US
[72] STARR, JAMES W., US
[72] WILSON, CHRISTOPHER, US
[73] VISTA RESEARCH, INC., US
[85] 1996-01-25
[86] 1994-07-26 (PCT/US1994/008439)
[87] (WO1995/003535)
[30] US (097,457) 1993-07-26

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[11] **2,172,010**
[13] C
[51] **Int.Cl. 6H04N 5/278 6H04N 5/445**
[25] EN
[54] **SUBTITLE DATA ENCODING/ DECODING METHOD AND APPARATUS AND RECORDING MEDIUM FOR THE SAME**
[54] **METHODE ET APPAREIL DE CODAGE-DECODAGE DE SOUS-TITRES ET SUPPORT D'ENREGISTREMENT CONNEXE**
[72] TSUKAGOSHI, IKUO, JP
[73] SONY CORPORATION, JP
[22] 1996-03-18
[30] JP (P07-088607) 1995-03-23

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[13] C
[51] **Int.Cl. 6E21B 33/134 6E21B 33/127**
[25] EN
[54] **METHOD AND APPARATUS FOR SEALING AND TRANSFERRING FORCE IN A WELLBORE**
[54] **PROCEDE ET APPAREIL D'ETANCHEITE ET DE TRANSFERT DE FORCE DANS UN PUITS DE FORAGE**
[72] VAN BUSKIRK, RICHARD GLENN, US
[72] LOUGHLIN, MICHAEL J., US
[73] BAKER HUGHES INCORPORATED, US
[85] 1996-04-02
[86] 1993-10-04 (PCT/US1993/009399)
[87] (WO1995/009964)

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[11] **2,173,599**
[13] C
[51] **Int.Cl. 6C10G 65/12**
[25] EN
[54] **HYDROCRACKING AND HYDRODEWAXING PROCESS**
[54] **PROCEDE D'HYDROCRAQUAGE ET D'HYDRODEPARAFFINAGE**
[72] SONNEMANS, JOHANNES WILHELMUS MARIA, NL
[72] NOOIJ, FRANCISCUS MARIA, NL
[72] GROOTJANS, JACQUES FRANCOIS JEANNE, BE
[73] AKZO NOBEL N.V., NL
[73] FINA RESEARCH, S.A., BE
[85] 1996-04-04
[86] 1994-10-07 (PCT/EP1994/003323)
[87] (WO1995/010578)
[30] EP (93202853.3) 1993-10-08

[11] **2,174,433**
[13] C
[51] **Int.Cl. 6C23C 14/34 6B22F 1/00 6C22C 1/04 6C23C 14/14 6G11B 7/24 6G11B 5/85**
[25] EN
[54] **MAGNETO-OPTICAL ALLOY SPUTTER TARGETS**
[54] **CIBLES DE PULVERISATION CATHODIQUE EN ALLIAGE MAGNETO-OPTIQUE**
[72] MARX, DANIEL R., US
[73] MATERIALS RESEARCH CORPORATION, US
[85] 1996-04-17
[86] 1994-11-22 (PCT/US1994/013401)
[87] (WO1995/015407)
[30] US (161,143) 1993-12-02

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[11] **2,174,874**
[13] C
[51] **Int.Cl. 6D21C 1/06 6D21C 3/24**
[25] EN
[54] **PRETREATMENT OF CHIPS BEFORE COOKING**
[54] **PRETRAITEMENT DES CROUSTILLES AVANT LA CUISSON**
[72] HENRICSON, KAJ O., FI
[72] VILPPONEN, AKI HANNU, FI
[72] RAMARK, HANNU OLAVI, FI
[72] KETTUNEN, AUVO KIMMO, FI
[72] STROMBERG, C. BERTIL, US
[73] ANDRITZ INC., US
[22] 1996-04-24
[30] US (08/460,723) 1995-06-02

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[11] **2,175,062**
[13] C
[51] **Int.Cl. 6D21C 9/16**
[25] EN
[54] **AMINOALKANE DIPHOSPHONIC ACIDS IN PULP BLEACHING**
[54] **ACIDES DIPHOSPHONIQUES D'AMINOALCANES UTILISES POUR BLANCHIR LA PATE A PAPIER**
[72] BOELEMA, ELTJO, NL
[72] NAVARRO, CHARLES MANUEL, NL
[72] HANTER, LAMBERTUS GERHARDUS JOHANNUS OLDE, NL
[72] VAN DOORN, MARCELLINUS ALEXANDER, NL
[73] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 1996-04-25
[86] 1994-10-26 (PCT/EP1994/003546)
[87] (WO1995/012029)
[30] EP (93202989.5) 1993-10-26
[30] EP (94200728.7) 1994-03-22

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[11] **2,175,368**
[13] C
[51] **Int.Cl. 6A61K 31/70**
[25] EN
[54] **PROLIFERATION ANTAGONISTIC INHIBITOR OF MESENCHYMAL CELLS**
[54] **INHIBITEUR ANTAGONISTE DE LA CROISSANCE DES CELLULES MESENCHYMATEUSES**
[72] SHIOZAWA, SHUNICHI, JP
[73] SHIOZAWA, SHUNICHI, JP
[85] 1996-04-29
[86] 1993-10-29 (PCT/JP1993/001581)
[87] (WO1995/011684)

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[13] C
[51] **Int.Cl. 6B01F 3/08 6B01F 7/06 6D21D 5/28**
[25] EN
[54] **DEVICE FOR ADMIXING A PROCESSING AGENT TO A PULP SUSPENSION**
[54] **DISPOSITIF SERVANT A AJOUTER UN AGENT DE TRAITEMENT A UNE SUSPENSION DE PATE**
[72] FORSLUND, KJELL, SE
[73] VALMET FIBERTECH AKTIEBOLAG, SE
[85] 1996-05-17
[86] 1994-10-27 (PCT/SE1994/001009)
[87] (WO1995/017243)
[30] SE (9304240-6) 1993-12-21

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[13] C
[51] **Int.Cl. 6B21C 37/08 6B21C 1/16**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF PIPES BY THE UOE PROCESS**
[54] **PROCEDE UOE POUR LA PRODUCTION DE TUYAUX**
[72] HOHL, GEROLD, DE
[72] VOGT, GERD, DE
[73] MANNESMANN AKTIENGESELLSCHAFT, DE
[22] 1996-05-29
[30] DE (195 22 790.5-24) 1995-06-14

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[11] **2,177,797**
[13] C
[51] **Int.Cl. 6B65G 39/04**
[25] EN
[54] **ARRANGEMENT IN CONNECTION WITH A SPREADER ROLL DRIVE**
[54] **AGENCEMENT D'ENTRAINEMENT POUR CYLINDRE D'ENDUCTION**
[72] JOENSUU, TEUVO, FI
[73] RAAHEN TEVO OY, FI
[22] 1996-05-30
[30] FI (952727) 1995-06-02

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[11] **2,179,386**
[13] C
[51] **Int.Cl. 6B24B 19/00 6B24B 21/18**
[25] EN
[54] **MEDIA ROLLER HIGH FRICTION SURFACING SYSTEM**
[54] **SYSTEME DE SURFACAGE PERMETTANT D'OBTENIR UNE FRICTION ELEVEE SUR DES ROULEAUX D'ENTRAINEMENT DE SUPPORT D'IMPRESSION**
[72] OLSON, ALLAN G., US
[72] CASEY, SHANNON D., US
[72] KENT, BLAIR M., US
[72] KELLY, KIERAN B., US
[73] HEWLETT-PACKARD COMPANY, US
[85] 1996-06-18
[86] 1995-11-13 (PCT/US1995/014854)
[87] (WO1996/015875)
[30] US (08/340,778) 1994-11-17

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[11] **2,184,210**
[13] C
[51] **Int.Cl. 6G01V 5/12 6G01N 9/00**
[25] EN
[54] **FORMATION DENSITY WELL LOGGING TOOL WITH DETECTOR ARRAY FOR COMPENSATION OF WELLBORE ROUGHNESS AND TOOL TILT**
[54] **OUTIL DE DIAGRAPHIE EVALUANT LA DENSITE DE LA FORMATION A PARTIR DU PUITS AU MOYEN D'UNE BATTERIE DE DETECTEURS CAPABLE DE COMPENSER LA RUGOSITE DU FORAGE ET L'INCLINAISON DE L'OUTIL**
[72] MATHIS, GARY L., US
[73] WESTERN ATLAS INTERNATIONAL, INC., US
[22] 1996-08-27
[30] US (08/521,174) 1995-08-30

[11] **2,188,129**
[13] C
[51] **Int.Cl. 6B63H 1/24**
[25] EN
[54] **FOLDING BLADE PROPELLER**
[54] **HELICE DE PROPULSION A PALE PLIANTE**
[72] VOSPER, GEORGE W., CA
[73] VOSPER, GEORGE W., CA
[85] 1996-10-17
[86] 1995-04-13 (PCT/CA1995/000211)
[87] (WO1995/028317)
[30] US (08/229,193) 1994-04-18

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[11] **2,188,155**
[13] C
[51] **Int.Cl. 6A23L 1/38 6A23L 1/307**
[25] EN
[54] **REDUCED CALORIE PEANUT PRODUCTS**
[54] **PRODUITS DERIVES D'ARACHIDES A TENEUR FAIBLE EN CALORIE**
[72] MILLER, MARK STUART, US
[73] KRAFT FOODS, INC., US
[85] 1996-10-17
[86] 1995-04-06 (PCT/US1995/004230)
[87] (WO1995/030337)
[30] US (08/239,300) 1994-05-06

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[11] * **2,189,307**
[13] C
[51] **Int.Cl. 6G06F 17/40 6G06F 17/60**
[25] EN
[54] **METHOD OF COMMITMENT IN A DISTRIBUTED DATABASE TRANSACTION**
[54] **METHODE DE VALIDATION DE TRANSACTIONS DANS UNE BASE DE DONNEES REPARTIE**
[72] BORTVEDT, GERALD K., US
[72] GERBER, ROBERT H., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 1996-10-31
[30] US (08/552,058) 1995-11-02

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[11] **2,189,377**
[13] C
[51] **Int.Cl. 6G01S 17/74**
[25] EN
[54] **ACTIVE COOPERATIVE TUNED IDENTIFICATION FRIEND OR FOE (ACTIFF)**
[54] **SYSTEME ACTIF COOPERATIF D'IDENTIFICATION DES AMIS ET DES ENNEMIS PAR COMPARAISON DE LONGUEURS D'ONDE**
[72] DUBOIS, JACQUES, CA
[72] LA ROCHELLE, SOPHIE, CA
[73] THE MINISTER OF NATIONAL DEFENCE, CA
[22] 1996-11-01

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[11] **2,189,613**
[13] C
[51] **Int.Cl. 6F16K 17/30 6F15B 3/00**
[25] EN
[54] **PRESSURE REDUCTION VALVE**
[54] **DETENDEUR**
[72] BIRCH, DAVID WILLIAM, GB
[73] THE BOC GROUP PLC, GB
[22] 1996-11-05
[30] GB (9523385.4) 1995-11-16
[30] GB (9615456.2) 1996-07-23

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[11] **2,190,052**
[13] C
[51] **Int.Cl. 6G05G 1/00 6B60T 7/10**
[25] EN
[54] **CABLE CONTROLLER**
[54] **DISPOSITIF DE COMMANDE PAR CABLE**
[72] HEWSON, CLIFFORD BRUCE, CA
[73] 1029894 ONTARIO INC., CA
[22] 1996-11-12
[30] US (08/555,462) 1995-11-13

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[11] **2,192,775**
[13] C
[51] **Int.Cl. 6B09B 3/00 6C22B 3/04**
[25] EN
[54] **MINERAL PROCESSING TAILINGS DISPOSAL**
[54] **METHODE D'UTILISATION DE RESIDUS D'EXPLOITATION MINIERE**
[72] BRACKEBUSCH, FRED W., US
[73] BRACKEBUSCH, FRED W., US
[22] 1996-12-12
[30] US (08/592,778) 1996-01-26

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[11] **2,194,336**
[13] C
[51] **Int.Cl. 6E05B 63/22**
[25] EN
[54] **DECOMPRESSION LOCK**
[54] **SERRURE A DECOMPRESSION**
[72] SCHWARZ, HELMUT, DE
[73] SCHWARZ VERBINDUNGS-SYSTEME GMBH, DE
[22] 1997-01-03
[30] DE (296 00 518.5) 1996-01-13

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[11] **2,194,782**
[13] C
[51] **Int.Cl. 6G06F 3/033**
[25] EN
[54] **IMAGE PROCESSING SYSTEM USING ANALOG JOYSTICK**
[54] **SYSTEME DE TRAITEMENT DE L'IMAGE DANS LEQUEL UNE MANETTE ANALOGIQUE EST UTILISEE**
[72] NISHIUMI, SATOSHI, JP
[72] KOSHIMA, KAZUO, JP
[72] NISHIDA, YASUNARI, JP
[73] NINTENDO CO., LTD., JP
[85] 1997-01-09
[86] 1996-05-10 (PCT/JP1996/001237)
[87] (WO1996/035985)
[30] JP (7-137298) 1995-05-10
[30] JP (7-288006) 1995-10-09

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[13] C
[51] **Int.Cl. 6C12N 15/87 6C12N 13/00 6A61K 35/14 6A61M 1/36**
[25] EN
[54] **FLOW THROUGH ELECTROPORATION APPARATUS AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'ELECTROPORATION A CIRCULATION**
[72] HOFMANN, GUNTER A., US
[72] KENT, HENRY R., US
[73] GENETRONICS, INC., US
[85] 1997-01-31
[86] 1995-10-12 (PCT/US1995/014622)
[87] (WO1996/012006)
[30] US (08/320,966) 1994-10-12

[11] **2,199,863**
[13] C
[51] **Int.Cl. 6E21B 43/40**
[25] EN
[54] **SLURRIFIED RESERVOIR HYDROCARBON RECOVERY PROCESS**
[54] **PROCEDE DE RECUPERATION DES HYDROCARBURES DANS UN RESERVOIR REMPLI DE BOUE LIQUIDE**
[72] HERBOLZHEIMER, ERIC, US
[72] CHAIKEN, PAUL M., US
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US
[22] 1997-03-12
[30] US (630,954) 1996-04-05

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[11] **2,200,817**
[13] C
[51] **Int.Cl. 6C11D 1/825**
[25] EN
[54] **SURFACTANT BLENDS, PROCESSES FOR PREPARING THEM AND PARTICULATE DETERGENT COMPOSITIONS CONTAINING THEM**
[54] **MELANGES SURFACTIFS; METHODES POUR LES PREPARER ET COMPOSITIONS PARTICULAIRES DETERGENTES A BASE DE CES PRODUITS**
[72] EUSER, HUIG, NL
[72] KRALINGEN, CORNELIS GERHARD VAN, NL
[72] REBERS, HENDRICUS ANTHONIUS H.M., NL
[72] APPEL, PETER WILLEM, NL
[73] UNILEVER PLC, GB
[22] 1997-03-24
[30] GB (9606913.3) 1996-04-02

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[11] **2,201,439**
[13] C
[51] **Int.Cl. 6A61F 2/08**
[25] EN
[54] **HERNIA MESH PATCH**
[54] **PATCH EN FILET POUR LES HERNIES**
[72] KUGEL, ROBERT D., US
[73] BARD ASDI INC., US
[22] 1997-04-01

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[11] **2,201,647**
[13] C
[51] **Int.Cl. 6B62D 55/28**
[25] EN
[54] **CONNECTOR CATERPILLAR TRACK WITH TRAVELLING PAD**
[54] **CONNECTEUR DE CHENILLE AVEC PATINS**
[72] NEUBERT, BERND, DE
[72] SPIES, KLAUS, DE
[72] SCHLUPP, KURT, DE
[73] DIEHL REMSCHEID GMBH & CO., DE
[22] 1997-04-03
[30] DE (196 19 577.2) 1996-05-15

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[11] **2,202,822**
[13] C
[51] **Int.Cl. 6H02K 5/00**
[25] EN
[54] **TWO-PIECE ELECTRIC MOTOR SHAFT**
[54] **ARBRE EN DEUX PIECES POUR MOTEUR ELECTRIQUE**
[72] LEITH, DONALD G., US
[73] LEITH, DONALD G., US
[22] 1997-04-16
[30] US (60/016,001) 1996-04-23
[30] US (08/804,007) 1997-02-21

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[11] **2,203,286**
[13] C
[51] **Int.Cl. 6E06B 1/62 6E06B 5/16**
[25] EN
[54] **A FIREPROOF TRIM FOR A LANDING DOOR FOR A LIFT**
[54] **ENCADREMENT A L'EPREUVE DU FEU POUR PORTE PALIERE D'UN ASCENSEUR**
[72] PICCIN, PIERPAOLO, IT
[72] PUGLIESE, GIUSEPPE, IT
[72] HAGG, JORI, FI
[72] LEHTONEN, MIKA, FI
[72] RIPAMONTI, RODOLFO, IT
[72] NOVELLATI, GIANLUCA, IT
[73] KONE OY, FI
[22] 1997-04-21
[30] IT (TO96A000319) 1996-04-22

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[13] C
[51] **Int.Cl. 6H03G 3/20 6H04R 25/00 6H03G 3/32**
[25] EN
[54] **AUTOMATIC SENSITIVITY CONTROL**
[54] **COMMANDE AUTOMATIQUE DE SENSIBILITE**
[72] SELIGMAN, PETER, AU
[73] COCHLEAR LIMITED, AU
[85] 1997-04-22
[86] 1995-10-24 (PCT/AU1995/000703)
[87] (WO1996/013096)
[30] AU (PM 9005) 1994-10-24
[30] WO (00703) 1995-10-24

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[13] C
[51] **Int.Cl. 6B65G 27/18**
[25] EN
[54] **EXCITED BASE CONVEYOR SYSTEM**
[54] **TRANSPORTEUR AGITE PAR LA BASE**
[72] SLEPPY, PAUL L., US
[72] PATTERSON, HAROLD E., US
[73] FMC TECHNOLOGIES, INC., US
[22] 1997-05-07
[30] US (08/819,234) 1997-03-17

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[11] **2,205,716**
[13] C
[51] **Int.Cl. 6B65D 88/00 6B65D 90/00**
[25] EN
[54] **COMPOSITE TANK FOR INDUSTRIAL FINISHING EQUIPMENT**
[54] **RESERVOIR EN MATIERE COMPOSITE POUR EQUIPEMENT DE FINITION INDUSTRIELLE**
[72] WALLACE, GREGORY M., US
[72] WHITEHEAD, J. STEVE, US
[72] CARL, DAVID W., US
[73] GEORGE KOCH SONS, INC., US
[22] 1997-05-20
[30] US (08/667,672) 1996-06-21

[11] **2,206,152**
[13] C
[51] **Int.Cl. 6A61B 17/70**
[25] FR
[54] **DISPOSITIF DE FIXATION OSSEUSE, EN PARTICULIER AU SACRUM, EN OSTEOSYNTHESE DU RACHIS**
[54] **BONE FIXATION DEVICE, IN PARTICULAR WITH THE SACRAL, IN OSTHEOSYNTHESIS OF THE SPINE**
[72] GANEM, FRANCK, FR
[73] GANEM, FRANCK, FR
[73] STRYKER FRANCE S.A., FR
[22] 1997-05-12
[30] FR (96 05898) 1996-05-13

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[11] **2,206,661**
[13] C
[51] **Int.Cl. 6H04L 27/01 6H04B 15/00 6H04L 5/14 6H04Q 7/22 6H04B 1/40**
[25] EN
[54] **A DUPLEX DECISION FEEDBACK EQUALIZATION SYSTEM**
[54] **SYSTEME D'EGALISATION A RETOUR DE DECISION DUPLEX**
[72] PETERSEN, BRENT R., CA
[72] SESAY, ABU B., CA
[72] OLER, KEVIN S., CA
[73] TELECOMMUNICATIONS RESEARCH LABORATORIES, CA
[22] 1997-05-29

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[11] **2,208,043**
[13] C
[51] **Int.Cl. 6A61C 8/00**
[25] EN
[54] **DENTAL IMPLANT DEVICE**
[54] **DISPOSITIF D'IMPLANT DENTAIRE**
[72] MENA, RAUL R., US
[73] MENA, RAUL R., US
[85] 1997-06-17
[86] 1994-12-23 (PCT/US1994/014868)
[87] (WO1996/019950)

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[11] **2,209,371**
[13] C
[51] **Int.Cl. 6B62D 57/032**
[25] EN
[54] **LEG MECHANISM**
[54] **MECANISME ARTICULE DOTE DE JAMBES**
[72] PAAKKUNAINEN, MARKO, FI
[73] PLUSTECH OY, FI
[85] 1997-07-04
[86] 1996-10-31 (PCT/FI1996/000583)
[87] (WO1997/017250)
[30] FI (955297) 1995-11-06

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[11] **2,212,648**
[13] C
[51] **Int.Cl. 6B29C 45/64**
[25] EN
[54] **MOLD CLOSING DEVICE FOR A PLASTICS MOLDING MACHINE, IN PARTICULAR AN INJECTION MOLDING MACHINE**
[54] **DISPOSITIF DE FERMETURE DE MOULE POUR UNE MACHINE DE MOULAGE DE MATIERES PLASTIQUES, NOTAMMENT POUR UNE PRESSE D'INJECTION**
[72] WOHLRAB, WALTER, DE
[73] KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH, DE
[85] 1997-08-08
[86] 1996-11-12 (PCT/EP1996/004941)
[87] (WO1997/021529)
[30] DE (195 45 980.6) 1995-12-09

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[11] **2,213,711**
[13] C
[51] **Int.Cl. 6A01C 7/20 6A01C 7/16**
[25] EN
[54] **VACUUM SEED METERING ASSEMBLY**
[54] **DOSEUR DE GRAINES A VIDE**
[72] STUFFLEBEAM, JOHN F., US
[72] DUNHAM, LISLE J., US
[72] OLSON, THOMAS A., US
[73] CASE CORPORATION, US
[22] 1997-08-19
[30] US (08/700,214) 1996-08-20

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[11] **2,216,634**
[13] C
[51] **Int.Cl. 6A61K 31/70 6A61K 31/505 6A61K 31/52**
[25] EN
[54] **SYNERGISTIC COMBINATIONS OF ZIDOVUDINE, 1592U89 AND 3TC OR FTC**
[54] **COMBINAISONS SYNERGIQUES DE ZIDOVUDINE, 1592U89 ET 3TC OU FTC**
[72] ST. CLAIR, MARTHA HEIDER, US
[72] BARRY, DAVID WALTER, US
[73] THE WELLCOME FOUNDATION LIMITED, GB
[85] 1997-09-26
[86] 1996-03-28 (PCT/EP1996/001352)
[87] (WO1996/030025)
[30] GB (9506490.3) 1995-03-30
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[11] **2,217,293**
[13] C
[51] **Int.Cl. 6E21B 33/129 6E21B 33/128**
[25] EN
[54] **MECHANISM FOR ANCHORING A WELL TOOL**
[54] **MECANISME D'ANCRAGE D'UN INSTRUMENT DE PUITS**
[72] PRINGLE, RONALD E., US
[73] SCHLUMBERGER TECHNOLOGY CORPORATION, US
[85] 1997-10-24
[86] 1996-04-16 (PCT/US1996/005196)
[87] (WO1996/034174)
[30] US (08/431,876) 1995-04-28

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[11] **2,217,619**
[13] C
[51] **Int.Cl. 6H01F 27/02**
[25] EN
[54] **PADMOUNTED TRANSFORMER ENCLOSURE AND LATCH**
[54] **ENCEINTE ET VERROUILLAGE DE TRANSFORMATEUR MONTE SUR SOCLE**
[72] STRUEMPH, DENNIS J., US
[72] WOLFGANG, RICHARD A., US
[72] ADKINS, HERBERT S., US
[73] ABB INC., US
[22] 1997-10-02
[30] US (08/725,773) 1996-10-04

[11] **2,218,798**
[13] C
[51] **Int.Cl. 6H04N 7/025 6H04L 29/06 6H04N 7/173 6H04N 7/52**
[25] EN
[54] **BROADBAND-AUGMENTED COMPUTER COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION INFORMATISE A BANDE PASSANTE ELARGIE**
[72] GOTWALD, FREDERICK L., US
[73] GENERAL INSTRUMENT CORPORATION, US
[22] 1997-10-17
[30] US (08/738,878) 1996-10-28

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[11] **2,222,244**
[13] C
[51] **Int.Cl. 6H04Q 3/64 6H04M 3/48**
[25] EN
[54] **METHOD FOR SETTING UP A TELEPHONE CONNECTION AND AN EXCHANGE SYSTEM**
[54] **PROCEDE D'ETABLISSEMENT D'UNE LIAISON TELEPHONIQUE ET CENTRAL TELEPHONIQUE**
[72] KINNUNEN, JOUNI, FI
[72] JYVALA, PETRI, FI
[73] NOKIA TELECOMMUNICATIONS OY, FI
[85] 1997-11-25
[86] 1996-05-23 (PCT/FI1996/000288)
[87] (WO1996/037988)
[30] FI (952586) 1995-05-26

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[11] **2,222,857**
[13] C
[51] **Int.Cl. 6H05K 3/00 6H01L 23/40**
[25] EN
[54] **PROCESS TO CREATE METALLIC STAND-OFFS ON AN ELECTRONIC CIRCUIT**
[54] **PROCESSUS DE PRODUCTION DE COLONNETTES METALLIQUES SUR UN CIRCUIT ELECTRONIQUE**
[72] VAN CALSTER, ANDRE, BE
[72] VANDAM, LOUIS JOSEPH, BE
[72] VEREEKEN, MARIA EUGENIE ANDRE, BE
[72] ACKAERT, ANN MARIE, BE
[72] DE BAETS, JOHAN, BE
[72] ALLAERT, KOENRAAD JULIAAN GEORGES, BE
[72] ZHANG, SUIXIN, BE
[72] PEETERS, JORIS ANTONIA FRANCISCUS, BE
[72] VANDEVELDE, BART LEO ALFONS MAURICE, BE
[73] ALCATEL, FR
[22] 1997-12-19
[30] EP (96402845.0) 1996-12-20

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[13] C
[51] **Int.Cl. 6F16L 19/03**
[25] EN
[54] **JOINT ASSEMBLY AND BACKING MECHANISM THEREFOR**
[54] **ENSEMBLE JOINT ET MECANISME DE RENFORT ASSOCIE**
[72] CARR, RONALD L., US
[73] KC MULTI-RING PRODUCTS, INC., US
[85] 1997-12-17
[86] 1995-11-22 (PCT/US1995/015302)
[87] (WO1996/017199)
[30] US (08/344,881) 1994-11-25

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[11] **2,226,587**
[13] C
[51] **Int.Cl. 6H04N 7/088 6H04N 5/44**
[25] EN
[54] **COMMUNICATION OF VBI DATA IN DIGITAL TELEVISION DATA STREAMS**
[54] **COMMUNICATION DE DONNEES VBI DANS DES TRAINS DE DONNEES DE TELEVISION NUMERIQUE**
[72] WALKER, G. KENT, US
[72] NUBER, RAY, US
[73] GENERAL INSTRUMENT CORPORATION, US
[22] 1998-01-12
[30] US (08/783,432) 1997-01-16

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[13] C
[51] **Int.Cl. 6C12N 5/28 6C07K 14/02 6C07K 16/08 6A61K 39/29 6A61K 39/42 6G01N 33/576 6G01N 33/577**
[25] EN
[54] **HUMAN MONOCLONAL ANTIBODY AGAINST HEPATITIS B VIRUS SURFACE ANTIGEN (HBVSAG)**
[54] **ANTICORPS MONOCLONAL HUMAIN DIRIGE CONTRE L'ANTIGENE DE SURFACE DU VIRUS DE L'HEPATITE B**
[72] DAGAN, SHLOMO, IL
[73] XTL BIOPHARMACEUTICALS LIMITED, IL
[85] 1998-01-21
[86] 1997-06-10 (PCT/IL1997/000183)
[87] (WO1997/047653)
[30] IL (118626) 1996-06-11

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[11] **2,228,193**
[13] C
[51] **Int.Cl. 6F02M 61/04**
[25] EN
[54] **FUEL INJECTOR VALVE FOR LIQUIFIED FUEL**
[54] **SOUPAPE D'INJECTEUR POUR CARBURANT LIQUEFIE**
[72] HUNT, DEVLIN A., US
[72] ROCHE, RONALD H., US
[72] BENNETT, DAVID E., US
[73] WALBRO CORPORATION, US
[73] BI-PHASE TECHNOLOGIES, LLC, US
[22] 1998-01-29
[30] US (08/801,493) 1997-02-18

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[11] **2,228,713**
[13] C
[51] **Int.Cl. 6B65H 75/38**
[25] EN
[54] **CORD REEL AND STORAGE DEVICE**
[54] **DEVIDOIR ET DISPOSITIF DE RANGEMENT POUR CORDONS**
[72] BURKE, DONALD D., US
[73] BURKE, DONALD D., US
[22] 1998-02-04
[30] US (796,151) 1997-02-06

[11] **2,230,439**
[13] C
[51] **Int.Cl. 6H01S 3/06**
[25] EN
[54] **OPTICAL WAVEGUIDE, WAVEGUIDE AMPLIFIER AND LASER**
[54] **GUIDE D'ONDES OPTIQUE, AMPLIFICATEUR POUR GUIDE D'ONDES ET LASER**
[72] HEWAK, DANIEL WILLIAM, GB
[72] SAMSON, BRYCE NEILSON, GB
[72] BROCKLESBY, WILLIAM SIMON, GB
[72] LAMING, RICHARD IAN, GB
[72] PAYNE, DAVID NEIL, GB
[73] PIRELLI CAVI E SISTEMI S.P.A., IT
[85] 1998-02-25
[86] 1996-08-23 (PCT/GB1996/002060)
[87] (WO1997/008790)
[30] GB (9517490.0) 1995-08-25

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[11] **2,230,464**
[13] C
[51] **Int.Cl. 6B65G 59/08 6B27B 31/00**
[25] EN
[54] **CONTINUOUS BREAKDOWN TILT HOIST WITH OVERHEAD ROTATABLE SECONDARY HOIST**
[54] **CONVOYEUR-ELEVATEUR BASCULANT AVEC APPAREIL DE LEVAGE SECONDAIRE SURELEVE ET PIVOTANT**
[72] HANNEBAUER, JAMES B., CA
[72] NEWNES, WILLIAM R., CA
[73] COE NEWNES/MCGEHEE ULC, CA
[22] 1998-02-25
[30] US (60/039,236) 1997-02-28

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[11] **2,230,760**
[13] C
[51] **Int.Cl. 6C10G 65/12**
[25] EN
[54] **INTEGRATED LUBRICANT UPGRADING PROCESS**
[54] **PROCEDE INTEGRE D'AMELIORATION DE LUBRIFIANT**
[72] SMITH, FRITZ ARTHUR, US
[72] CARROLL, MICHAEL BRIAN, US
[72] BIXEL, JOHN CLARENCE, US
[73] MOBIL OIL CORPORATION, US
[85] 1998-02-27
[86] 1996-08-30 (PCT/US1996/013945)
[87] (WO1997/018278)
[30] US (08/557,470) 1995-11-14

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[11] **2,231,194**
[13] C
[51] **Int.Cl. 6A61K 31/43 6A61K 31/42**
[25] EN
[54] **PHARMACEUTICAL FORMULATION**
[54] **PREPARATION PHARMACEUTIQUE**
[72] BURCH, DANIEL JOSEPH, US
[73] SMITHKLINE BEECHAM PLC, GB
[85] 1998-03-05
[86] 1996-09-05 (PCT/US1996/014554)
[87] (WO1997/009042)
[30] US (60/003,353) 1995-09-07

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[11] **2,233,142**
[13] C
[51] **Int.Cl. 6B05D 1/32 6B05B 13/02**
[25] EN
[54] **EXPANDABLE PAINTING WAGON**
[54] **WAGON MISE EN PEINTURE EXTENSIBLE**
[72] PAPENDICK, GERD R., CA
[73] DECOMA INTERNATIONAL INC., CA
[85] 1998-03-23
[86] 1996-10-11 (PCT/IB1996/001126)
[87] (WO1997/037771)
[30] US (08/629,434) 1996-04-09

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[11] **2,236,132**
[13] C
[51] **Int.Cl. 6G01N 27/403 6G01N 27/327**
[25] EN
[54] **ELECTROCHEMICAL BIOSENSOR**
[54] **BIOCAPTEUR ELECTROCHIMIQUE**
[72] JOHNSON, LARRY D., US
[72] CHARLTON, STEVEN C., US
[72] MUSHO, MATTHEW K., US
[72] SLOMSKI, DENNIS, US
[73] BAYER HEALTHCARE, LLC, US
[22] 1998-04-29
[30] US (08/854,439) 1997-05-12

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[11] **2,236,396**
[13] C
[51] **Int.Cl. 6B32B 15/08 6B32B 27/06**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCTION OF LAMINATED METAL SHEET**
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE DES TOLES PLAQUEES**
[72] YASUNAKA, KENJI, JP
[72] TAKESUE, KEISUKE, JP
[72] FUJII, TADASHI, JP
[73] TOYO KOHAN CO., LTD., JP
[85] 1998-05-01
[86] 1996-11-01 (PCT/JP1996/003219)
[87] (WO1997/016311)
[30] JP (7/309860) 1995-11-02

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[13] C
[51] **Int.Cl. 6D21D 5/16**
[25] EN
[54] **PAPER-MAKING SCREEN APPARATUS**
[54] **DISPOSITIF DE CRIBLAGE POUR MACHINE A FABRIQUER LE PAPIER**
[72] AIKAWA, YOSHIHIKO, JP
[73] AIKAWA IRON WORKS CO., LTD., JP
[22] 1998-05-05
[30] JP (1997-356756) 1997-12-25
[30] JP (1998-61704) 1998-03-12

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[11] **2,237,546**
[13] C
[51] **Int.Cl. 6C23F 11/14 6C23F 11/18**
[25] EN
[54] **CORROSION INHIBITED ORGANIC ACID COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS D'ACIDE ORGANIQUE DANS LESQUELLES LA CORROSION A ETE INHIBEE ET METHODES CONNEXES**
[72] BREZINSKI, MICHAEL M., NL
[73] HALLIBURTON ENERGY SERVICES, INC., US
[22] 1998-05-13
[30] US (08/855,083) 1997-05-13

[11] **2,237,851**
[13] C
[51] **Int.Cl. 6C22C 38/24 6C21D 8/00 6B29C 33/38**
[25] EN
[54] **IMPROVED STEEL HOLDER BLOCK FOR PLASTIC MOLDING**
[54] **BASE DE MOULE EN ACIER AMELIORE POUR MOULAGE PAR INJECTION DE PLASTIQUE**
[72] GUSCOTT, MICHAEL A., US
[72] HENN, ERIC D., US
[72] FRIEDRICH, ROBERT J., US
[73] EDRO ENGINEERING, INC., US
[22] 1998-05-15
[30] US (60/046,633) 1997-05-16

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[11] **2,237,951**
[13] C
[51] **Int.Cl. 6B65G 57/26 6B27F 7/02**
[25] EN
[54] **SPIKE STICK AND LATH PLACER**
[54] **LANCE-FEUILLARD ET BATON POINTU**
[72] MACDONALD, KELLY, CA
[72] NEWNES, WILLIAM R., CA
[72] HOUGEN, RONALD, CA
[72] BARON, LES, CA
[73] COE NEWNES/MCGEHEE ULC, CA
[22] 1998-05-15

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[11] **2,238,561**
[13] C
[51] **Int.Cl. 6G06K 19/077**
[25] EN
[54] **CONNECTOR FOR A CARD READER HAVING CONTACTS WITH TWOFOLD DETECTION**
[54] **CONNECTEUR POUR LECTEUR DE CARTE A CONTACTS A DOUBLE DETECTION**
[72] ODIC, EMMANUEL, FR
[73] FRAMATOME CONNECTORS INTERNATIONAL, FR
[22] 1998-05-26
[30] FR (97/06692) 1997-05-30

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[11] **2,238,691**
[13] C
[51] **Int.Cl. 6C07J 71/00**
[25] EN
[54] **PREPARATION OF (11.BETA.,16.BETA.)-21-(ACETYLOXY)-11-HYDROXY-2'-METHYL-5'H-PREGNA-1,4-DIENO[17,16-D]OXAZOLE-3,20-DIONE**
[54] **PREPARATION DE (11.BETA.,16.BETA.)-21-(ACETYLOXY)-11-HYDROXY-2'-METHYL-5'-H-PREGNA-1,4-DIENO[17,16-D]OXAZOLE-3,20-DIONE**
[72] CANCELLIERI, CALOGERO, IT
[72] FORTE, LIUGI, IT
[73] AVENTIS BULK S.P.A., IT
[85] 1998-05-26
[86] 1996-12-04 (PCT/EP1996/005390)
[87] (WO1997/021722)
[30] EP (95119626.0) 1995-12-13

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[11] **2,238,692**
[13] C
[51] **Int.Cl. 6C07J 71/00**
[25] EN
[54] **PREPARATION OF (11.BETA.,16.BETA.)-21-(3-CARBOXY-3-OXOPROPOXY)-11-HYDROXY-2'-METHYL-5'H-PREGNA-1,4-DIENO[17,16-D]OXAZOLE-3,20-DIONE**
[54] **PREPARATION DE (11.BETA.,16.BETA.)-21-(3-CARBOXY-3-OXOPROPOXY)-11-HYDROXY-2'-METHYL-5'H-PREGNA-1,4-DIENO[17,16-D]OXAZOLE-3,20-DIONE**
[72] CANCELLIERI, CALOGERO, IT
[72] FORTE, LUIGI, IT
[73] AVENTIS BULK S.P.A., IT
[85] 1998-05-26
[86] 1996-12-04 (PCT/EP1996/005391)
[87] (WO1997/021723)
[30] EP (95119627.8) 1995-12-13

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[11] **2,238,848**
[13] C
[51] **Int.Cl. 6B60L 11/18**
[25] FR
[54] **VEHICULE ELECTRO-HYDRAULIQUE A RECUPERATION D'ENERGIE**
[54] **ELECTRO-HYDRAULIC VEHICLE WITH ENERGY REGENERATION**
[72] NATHAN, GUY, FR
[72] BERNEUIL, PAUL, FR
[73] TOUCHTUNES MUSIC CORPORATION, US
[85] 1998-05-27
[86] 1996-10-01 (PCT/FR1996/001531)
[87] (WO1998/014344)

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[11] **2,238,965**
[13] C
[51] **Int.Cl. 6H01H 33/42 6H01H 71/10**
[25] FR
[54] **MECANISME D'ENTRAINEMENT A RESSORT POUR UN APPAREIL DE COMMUTATION, EN PARTICULIER UN DISJONCTEUR**
[54] **SPRING DRIVE MECHANISM FOR A SWITCHING DEVICE, IN PARTICULAR A CIRCUIT BREAKER**
[72] NIKLAUS, ROLF, CH
[73] GEC ALSTHOM T & D AG, CH
[22] 1998-05-25
[30] FR (97 06 371) 1997-05-26

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[11] **2,239,173**
[13] C
[51] **Int.Cl. 6G01N 1/10 6G01N 31/00 6G01N 33/18**
[25] EN
[54] **DEVICE FOR ANALYZING FLUID SAMPLES**
[54] **DISPOSITIF POUR ANALYSER DES ECHANTILLONS DE LIQUIDES**
[72] SIEPMANN, FRIEDRICH WILHELM, DE
[73] ISCO INC., US
[85] 1998-06-01
[86] 1996-11-21 (PCT/EP1996/005139)
[87] (WO1997/021088)
[30] DE (195 44 851.0) 1995-12-01
[30] DE (196 17 707.3) 1996-05-03

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[11] **2,239,785**
[13] C
[51] **Int.Cl. 6G02B 5/30 6G02B 27/18**
[25] EN
[54] **POLARISER MADE FROM BREWSTER PLATES**
[54] **POLARISEUR CONSTITUE DE LAMES DE BREWSTER**
[72] MAYER, CLAUS, DE
[72] LULLAU, FRIEDRICH, DE
[73] BASYSPRINT GMBH, DE
[85] 1998-06-05
[86] 1996-12-06 (PCT/EP1996/005473)
[87] (WO1997/022021)
[30] DE (195 45 821.4) 1995-12-08

[11] **2,243,747**
[13] C
[51] **Int.Cl. 6E01H 15/00 6A01G 1/12**
[25] EN
[54] **BACKPACK BLOWER**
[54] **SOUFFLEUSE A DOS**
[72] DESPAIN, MICHAEL S., US
[72] JOHNSON, GARY T., US
[72] ROOSMALEN, KERRY D., US
[72] WAGNER, JEFFREY F., US
[72] RILEY, DARREN K., US
[73] JENN FENG INDUSTRIAL CO., LTD., XX
[22] 1998-07-22
[30] US (08/898,965) 1997-07-23

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[13] C
[51] **Int.Cl. 6B26F 1/44 6B26D 7/26**
[25] EN
[54] **STEEL RULE DIE SYSTEM**
[54] **SYSTEME A OUTILS-COUTEAUX**
[72] SANDFORD, PETER E., CA
[73] SANDFORD, PETER E., CA
[22] 1998-07-27
[30] US (60/053,979) 1997-07-28

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[11] **2,244,312**
[13] C
[51] **Int.Cl. 6H04M 9/06 6H04M 3/42 6H04M 3/48**
[25] EN
[54] **CALL PICK-UP, HOLD DISTINCTIVE RINGING SERVICE**
[54] **SERVICE DE PRISE D'APPELS ET DE MISE EN ATTENTE A SONNERIE DISTINCTE**
[72] RICO, NATHALIE, CA
[72] JODOIN, SYLVAIN, CA
[72] LAUZON, ERIC, CA
[72] PROULX, STEPHANE, CA
[73] NORTEL NETWORKS LIMITED, CA
[22] 1998-07-29
[30] US (08/994,762) 1997-12-19

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[11] **2,244,820**
[13] C
[51] **Int.Cl. 6C01B 31/10 6C02F 1/28**
[25] EN
[54] **AN ACTIVATED CARBON TREATED BY CARBON DIOXIDE FOR THE STABILIZATION OF TREATED WATER PH AND THE CONTROL OF ALUMINUM IN THE TREATED WATER**
[54] **CARBONE ACTIF TRAITE AU DIOXYDE DE CARBONE ET PERMETTANT DE STABILISER LE PH D'EAUX TRAITEES AINSI QUE DE GERER LA TENEUR EN ALUMINIUM DES EAUX TRAITEES**
[72] WADHWA, NETAR P., US
[72] MATVIYA, THOMAS M., US
[72] FARMER, RICHARD W., US
[72] KOVACIC, SUSAN L., US
[72] PINKER, BRETT LESLIE, BE
[73] CALGON CARBON CORPORATION, US
[85] 1998-07-31
[86] 1997-02-06 (PCT/US1997/001878)
[87] (WO1997/029045)
[30] US (08/597,115) 1996-02-06
[30] US (08/795,002) 1997-02-05

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[13] C
[51] **Int.Cl. 6C10M 129/50 6C10M 129/00 6C10M 135/10**
[25] EN
[54] **LOW ASH NATURAL GAS ENGINE OIL AND ADDITIVE SYSTEM**
[54] **HUILE A FAIBLE TENEUR EN CENDRES POUR MOTEUR FONCTIONNANT AU GAZ NATUREL ET SYSTEME D'ADDITIFS**
[72] FINCH, JAMES W., CA
[72] BLAHEY, ALAN GARY, CA
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US
[85] 1998-08-11
[86] 1997-01-30 (PCT/US1997/001550)
[87] (WO1997/031991)
[30] US (08/607,502) 1996-02-27

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[11] **2,245,935**
[13] C
[51] **Int.Cl. 6G06F 19/00 6G06F 17/00**
[25] EN
[54] **METHOD OF CREATING AND SEARCHING A MOLECULAR VIRTUAL LIBRARY USING VALIDATED MOLECULAR STRUCTURE DESCRIPTORS**
[54] **PROCEDE POUR CREER UNE BIBLIOTHEQUE MOLECULAIRE VIRTUELLE ET PROCEDE POUR Y FAIRE DES RECHERCHES, EN UTILISANT DES DESCRIPTEURS VALIDES DE STRUCTURE MOLECULAIRE**
[72] CLARK, ROBERT D., US
[72] CRAMER, RICHARD D., US
[72] FERGUSON, ALLAN M., US
[72] PATTERSON, DAVID E., US
[73] CLARK, ROBERT D., US
[73] CRAMER, RICHARD D., US
[73] FERGUSON, ALLAN M., US
[73] PATTERSON, DAVID E., US
[85] 1998-07-23
[86] 1997-01-27 (PCT/US1997/001491)
[87] (WO1997/027559)
[30] US (08/592,132) 1996-01-26
[30] US (08/657,147) 1996-06-03

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[13] C
[51] **Int.Cl. 6C07C 237/08 6C07H 21/00 6A61K 48/00 6A61K 9/127 6C07C 279/14 6C07D 207/16 6A61K 47/16 6C07D 209/20 6C07C 271/22 6C07C 317/28 6C07C 323/58 6C07D 233/64 6A61K 31/70 6C12N 15/88**
[25] EN
[54] **LIPIDS AND THEIR USE, FOR EXAMPLE, IN LIPOSOMES**
[54] **COMPOSES LIPIDIQUES ET LEUR UTILISATION, PAR EXEMPLE, DANS DES LIPOSOMES**
[72] SOUROVOI, ANDREJ, RU
[72] JUNG, GUENTHER, DE
[73] SOUROVOI, ANDREJ, RU
[85] 1998-08-12
[86] 1997-02-12 (PCT/EP1997/000629)
[87] (WO1997/030024)
[30] DE (196 05 175.4) 1996-02-13

[11] **2,247,985**
[13] C
[51] **Int.Cl. 6B32B 27/18 6B65D 81/26 6A23L 3/34**
[25] EN
[54] **OXYGEN SCAVENGING SYSTEM INCLUDING A BY-PRODUCT NEUTRALIZING MATERIAL**
[54] **SYSTEME DESOXYGENANT COMPORTANT UNE MATIERE DE NEUTRALISATION DES SOUS-PRODUITS**
[72] CHING, TA YEN, US
[72] GOODRICH, JOSEPH L., US
[72] KATSUMOTO, KIYOSHI, US
[73] CHEVRON CHEMICAL COMPANY LLC, US
[85] 1998-09-02
[86] 1997-02-26 (PCT/US1997/003307)
[87] (WO1997/032722)
[30] US (08/612,510) 1996-03-07

[11] **2,249,930**
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[51] **Int.Cl. 6B62D 33/04 6B60P 7/02**
[25] EN
[54] **COVER FOR THE BOX OF A PICK-UP TRUCK**
[54] **COUVERCLE DE CAISSE DE CAMIONNETTE**
[72] BOURGEOIS, MAURICE, CA
[73] BOURGEOIS, MAURICE, CA
[22] 1998-10-14
[30] CA (2,220,639) 1997-11-06

[11] **2,250,955**
[13] C
[51] **Int.Cl. 6B22F 3/15 6B22F 5/10**
[25] EN
[54] **NET SHAPED DIES AND MOLDS AND METHOD FOR PRODUCING THE SAME**
[54] **FILIERES ET MOULES A FORMES NETTES ET PROCEDE DE FABRICATION ASSOCIE**
[72] LOMBARD, CARL A., US
[72] BUGLE, CLIFFORD M., US
[73] DYNAMET HOLDINGS INC., US
[85] 1998-10-07
[86] 1997-04-15 (PCT/US1997/006334)
[87] (WO1997/040777)
[30] US (60/015,979) 1996-04-15

[11] **2,252,297**
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[51] **Int.Cl. 6E21B 33/16 6E21B 47/09**
[25] EN
[54] **PLUG RELEASE INDICATION METHOD**
[54] **METHODE D'INDICATION DE LA LIBERATION D'UN BOUCHON**
[72] TILGHMAN, STEPHEN E., US
[72] BUTTERFIELD, CHARLES A., JR., US
[72] LAUREL, DAVID F., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[22] 1998-10-30
[30] US (08/962,314) 1997-10-31

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[51] **Int.Cl. 6C07K 14/20 6A61K 39/02 6C07K 7/06 6G01N 33/569**
[25] EN
[54] **NOVEL OSP-C DERIVED PEPTIDE FRAGMENTS**
[54] **NOUVEAUX FRAGMENTS PEPTIDIQUES DERIVES DE OSPC**
[72] THEISEN, MICHAEL, DK
[72] MATHIESEN, MARIANNE JARTVED, DK
[72] HOLM, ARNE, DK
[72] OSTERGAARD, SOREN, DK
[73] DAKO A/S, DK
[85] 1998-11-02
[86] 1997-05-02 (PCT/DK1997/000203)
[87] (WO1997/042221)
[30] DK (0526/96) 1996-05-02

[11] **2,253,584**
[13] C
[51] **Int.Cl. 6H04L 12/46**
[25] EN
[54] **DISTRIBUTED SYSTEM FOR COMMUNICATION NETWORKS IN MULTI-USER APPLICATIONS**
[54] **SYSTEME REPARTI POUR RESEAUX DE COMMUNICATION DANS DES APPLICATIONS MULTI-UTILISATEURS**
[72] WATERS, ROLLAND M., US
[72] ALLRED, JOHN, US
[73] SONY COMPUTER ENTERTAINMENT AMERICA INC., US
[85] 1998-11-05
[86] 1997-05-14 (PCT/US1997/007942)
[87] (WO1997/043718)
[30] US (08/648,839) 1996-05-15

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[13] C
[51] **Int.Cl. 6H01H 13/70 6H03M 11/00 6H03K 17/94**
[25] EN
[54] **EXPANDABLE KEYBOARD WITH INTERLEAVING SECTIONS**
[54] **CLAVIER EXTENSIBLE AVEC DES SECTIONS IMBRIQUEES**
[72] ROYSDEN, BRUNN W., JR., US
[73] ROYSDEN, BRUNN W., JR., US
[85] 1998-11-04
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[11] **2,254,731**
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[51] **Int.Cl. 6C07D 253/08 6C07D 235/06 6C07D 275/06 6C07D 401/12 6C07D 413/12 6C07D 417/12 6C07D 243/14 6C07D 295/21 6C07D 217/24 6C07D 237/32 6C07D 277/34 6A61K 31/40 6A61K 31/41 6C07D 263/44 6A61K 31/47 6A61K 31/495 6A61K 31/505 6A61K 31/53 6C07D 239/54 6A61K 31/55 6C07D 231/56 6C07D 263/58 6C07D 233/78 6C07D 239/88 6C07D 239/96**
[25] EN
[54] **INHIBITION OF MATRIX METALLOPROTEASES BY 2-SUBSTITUTED-4-(4-SUBSTITUTEDPHENYL)-4-OXOBUTYRIC ACIDS**
[54] **INHIBITION DES METALLOPROTEASES MATRICIELLES PAR LES ACIDES BIARYLE OXOBUTYRIQUES SUBSTITUES**
[72] DIXON, BRIAN R., US
[72] BRITTELLI, DAVID R., US
[72] VAN ZANDT, MICHAEL C., US
[73] BAYER CORPORATION, US
[85] 1998-11-05
[86] 1997-05-12 (PCT/US1997/007976)
[87] (WO1997/043239)
[30] US (08/648,493) 1996-05-15

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[13] C
[51] **Int.Cl. 6C07H 17/08 6C07B 55/00**
[25] FR
[54] **NOUVEAU PROCEDE D'ISOMERISATION DU RADICAL METHYLE EN 10 DE DERIVES DE L'ERYTHROMYCINE**
[54] **NOVEL METHOD FOR ISOMERISING THE 10-METHYL RADICAL OF ERYTHROMYCIN DERIVATIVES**
[72] SCHOLL, JACQUES, FR
[72] BENEDETTI, YANNICK, FR
[72] LAGOUARDAT, JACQUES, FR
[73] AVENTIS PHARMA S.A., FR
[85] 1998-11-12
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[87] (WO1997/043297)
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[13] C
[51] **Int.Cl. 6G04B 27/00 6G04B 27/02**
[25] EN
[54] **CROWN SETTING DEVICE FOR A TIMEPIECE**
[54] **DISPOSITIF DE REGLAGE A COURONNES POUR MONTRES**
[72] CHAN, KWONG FUNG, HK
[72] PLANCON, MICHEL, US
[72] CUINET, JEAN-LOUIS, FR
[72] VUILLAME, YVES, FR
[73] TIMEX CORP., US
[85] 1998-11-12
[86] 1997-05-16 (PCT/US1997/008338)
[87] (WO1997/044715)
[30] US (08/651,015) 1996-05-21

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[13] C
[51] **Int.Cl. 6H05B 6/06 6C23C 2/06 6C23C 2/28 6C21D 1/42**
[25] EN
[54] **INDUCTION HEATING TYPE GALVANIZED STEEL SHEET ALLOYING SYSTEM, HIGH FREQUENCY HEATING APPARATUS, IMPEDANCE MATCHING APPARATUS AND IMPEDANCE TRANSFORMING METHOD**
[54] **SYSTEME D'ALLIAGE DE TOLE D'ACIER GALVANISE DE TYPE A CHAUFFAGE PAR INDUCTION, APPAREIL DE CHAUFFAGE HAUTE FREQUENCE, APPAREIL D'ADAPTATION D'IMPEDANCE ET METHODE DE TRANSFORMATION D'IMPEDANCE**
[72] TSURUSAKI, KAZUYA, JP
[72] LEE, JAE-YOUNG, JP
[72] WADA, KOZO, JP
[72] HIRAI, ETSUROU, JP
[72] ASAHARA, YUUJI, JP
[72] HAN, KWANG-HEE, JP
[72] HAN, KWANG-HUM, KR
[72] MIN, KYUNG-ZOON, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[51] **Int.Cl. 6D21H 27/40 6B31F 1/12 6D21H 17/36 6D21H 17/55**
[25] EN
[54] **PROCESS FOR CREPING TISSUE PAPER**
[54] **PROCEDE POUR LE CREPAGE DE PAPIER DE SOIE**
[72] MOHAMMADI, KHOSROW PARVIZ, US
[72] VINSON, KENNETH DOUGLAS, US
[72] WEISMAN, PAUL THOMAS, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-11-20
[86] 1997-05-16 (PCT/US1997/008357)
[87] (WO1997/044526)
[30] US (08/651,354) 1996-05-22

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[51] **Int.Cl. 6B21C 47/30**
[25] EN
[54] **DIRECT-DRIVE COILER**
[54] **ENROULEUR A ENTRAINEMENT DIRECT**
[72] PATZELT, ULRICH, DE
[72] SETZER, HELMUT, DE
[72] GERNAND, GEORG, DE
[73] SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT, DE
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[87] (WO1997/045214)
[30] DE (196 21 171.9) 1996-05-24

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[51] **Int.Cl. 6G01N 33/72 6G01N 33/68 6G01N 33/84**
[25] EN
[54] **PROCESS FOR THE ANALYSIS OF MEDICAL SAMPLES CONTAINING HAEMOGLOBIN**
[54] **PROCEDE D'ANALYSE D'ECHANTILLONS MEDICAUX CONTENANT DE L'HEMOGLOBINE**
[72] SCHELLONG, LIESELOTTE, DE
[72] WEISHEIT, RALPH, DE
[73] ROCHE DIAGNOSTICS GMBH, DE
[85] 1998-11-19
[86] 1997-05-30 (PCT/EP1997/002834)
[87] (WO1997/045732)
[30] DE (196 22 089.0) 1996-05-31

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[51] **Int.Cl. 6C07D 295/116 6C07C 231/02 6C07C 201/08 6A61K 31/135 6C07C 225/22 6C07C 217/24 6C07C 323/25 6A61K 31/40 6C07C 235/44 6A61K 31/445 6C07C 205/45 6A61K 31/535 6C07C 233/65**
[25] EN
[54] **ALKYLOXYAMINO SUBSTITUTED FLUORENONES AND THEIR USE AS PROTEIN KINASE C INHIBITORS**
[54] **FLUORENONES A SUBSTITUTION ALKYLOXYAMINO ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE LA PROTEINE KINASE C**
[72] CISKE, FRED L., US
[72] DINERSTEIN, ROBERT J., US
[72] JONES, WINTON D., US
[72] DIEKEMA, KEITH A., US
[73] AVENTIS PHARMACEUTICALS INC., US
[85] 1998-11-27
[86] 1997-04-24 (PCT/US1997/006602)
[87] (WO1997/045397)
[30] US (08/655,537) 1996-05-30
[30] US (08/655,584) 1996-05-30

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[51] **Int.Cl. 6B65D 90/52**
[25] EN
[54] **LIQUID STABILIZING BAFFLE SYSTEM**
[54] **SYSTEME A CHICANES STABILISANT LE LIQUIDE**
[72] SPICKELMIRE, JAMES, US
[73] SPICKELMIRE, JAMES, US
[73] HAENER, ARLIE, US
[22] 1999-02-04

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[13] C
[51] **Int.Cl. 6F24D 5/08**
[25] EN
[54] **INFRARED HEATING SYSTEM AND METERING ELEMENT**
[54] **SYSTEME DE CHAUFFAGE INFRAROUGE ET ELEMENT DE MESURE**
[72] CARUSO, PAT, CA
[72] WILLMS, ERIC, CA
[73] CARUSO, PAT, CA
[73] WILLMS, ERIC, CA
[85] 1999-01-13
[86] 1997-04-17 (PCT/CA1997/000259)
[87] (WO1997/040320)
[30] US (08/634,657) 1996-04-18

[11] **2,261,825**
[13] C
[51] **Int.Cl. 6G05D 1/02**
[25] EN
[54] **GUIDANCE SYSTEM FOR AN AUTOMATED GUIDED VEHICLE**
[54] **SYSTEME DE GUIDAGE POUR VEHICULE GUIDE AUTOMATISE**
[72] ALOFS, CORNELL W., US
[72] DRENTH, RONALD R., US
[73] JERVIS B. WEBB COMPANY, US
[22] 1999-02-15
[30] US (09/038,693) 1998-03-09

[11] **2,262,548**
[13] C
[51] **Int.Cl. 6B65H 18/20 6B65H 18/26**
[25] EN
[54] **LOAD ROLL ARRANGEMENT**
[54] **ENSEMBLE ROULEAU CHARGEUR**
[72] GORNER, BERND, DE
[72] DORFEL, WALTER, DE
[73] GROUPE LAPERRIERE & VERREAULT INC., CA
[85] 1999-02-03
[86] 1997-08-05 (PCT/EP1997/004251)
[87] (WO1998/005578)
[30] DE (296 13 350.7) 1996-08-05

[11] **2,262,667**
[13] C
[51] **Int.Cl. 6B65H 18/26 6B65H 27/00**
[25] EN
[54] **RIDER ROLL ARRANGEMENT**
[54] **ENSEMBLE ROULEAU PRESSEUR**
[72] DORFEL, WALTER, DE
[72] TREUTNER, JURGEN, DE
[73] GROUPE LAPERRIERE & VERREAULT INC., CA
[85] 1999-02-04
[86] 1997-08-05 (PCT/EP1997/004250)
[87] (WO1998/005579)
[30] DE (296 13 554.2) 1996-08-05

[11] **2,263,547**
[13] C
[51] **Int.Cl. 6A44B 19/16 6B65D 33/25 6A44B 19/36**
[25] EN
[54] **END POSTS FOR PLASTIC ZIPPER**
[54] **GOUPILLES D'EXTREMITE POUR FERMETURES A GLISSIERE**
[72] DOBRESKI, DAVID V., US
[72] MCMANUS, MICHAEL W., US
[73] PACTIV CORPORATION, US
[85] 1999-02-15
[86] 1997-08-14 (PCT/US1997/014296)
[87] (WO1998/006291)
[30] US (08/698,923) 1996-08-16

[11] **2,264,121**
[13] C
[51] **Int.Cl. 6B65D 77/04 6B65D 81/34**
[25] EN
[54] **MICROWAVABLE CONTAINER**
[54] **RECIPIENT POUVANT AVOIR UNE FONCTION DE MICRO-ONDE**
[72] LAI, LAWRENCE, CA
[72] ZENG, NEILSON, CA
[73] GRAPHIC PACKAGING CORPORATION, US
[85] 1999-02-26
[86] 1997-08-26 (PCT/CA1997/000600)
[87] (WO1998/008750)
[30] US (08/703,100) 1996-08-26

[11] **2,264,398**
[13] C
[51] **Int.Cl. 6B65B 5/04 6B65B 25/00**
[25] EN
[54] **METHOD AND APPARATUS FOR AUTOMATIC PACKAGING OF BLOCK FOOD PRODUCT**
[54] **METHODE ET APPAREIL POUR EMBALLAGE AUTOMATIQUE D'UN PRODUIT ALIMENTAIRE EN FORME DE BLOC**
[72] MCDONALD, GREGORY, US
[72] FOSTER, J. DANNY, US
[72] WALKER, JEFF, US
[73] CRYOVAC INC., US
[22] 1999-03-04
[30] US (09/062,963) 1998-04-20

[11] **2,265,931**
[13] C
[51] **Int.Cl. 6E02F 3/88**
[25] EN
[54] **DREDGING APPARATUS**
[54] **DRAGUE**
[72] FLESEN, STEINAR, NO
[73] AGR GROUP AS, NO
[85] 1999-03-11
[86] 1997-09-11 (PCT/NO1997/000245)
[87] (WO1998/012390)
[30] NO (963897) 1996-09-18

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[51] **Int.Cl. 6C07C 43/20 6C07C 43/16**
[25] EN
[54] **SYNTHESIS OF ARYL ETHERS, METHODS AND REAGENTS RELATED THERETO**
[54] **SYNTHESE D'ETHERS D'ARYLE, PROCEDES ET REACTIFS AFFERENTS**
[72] BUCHWALD, STEPHEN L., US
[72] WOLFE, JOHN P., US
[72] PALUCKI, MICHAEL, US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 1999-04-09
[86] 1997-10-10 (PCT/US1997/018719)
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[51] **Int.Cl. 6B05C 17/01**
[25] EN
[54] **FLUID PUMP DISPENSER**
[54] **DISTRIBUTEUR POUR POMPE**
[72] PARES MONTANER, PEDRO, ES
[72] RIBERA TURRO, VICTOR, ES
[72] GONZALEZ FERNANDEZ, XAVIER, ES
[73] CALMAR-MONTURAS S.A., ES
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[13] C
[51] **Int.Cl. 6F24F 13/02 6F24F 13/22 6B60H 1/32**
[25] EN
[54] **AIR CONDITIONING DUCT**
[54] **GAINE DE CONDITIONNEMENT D'AIR**
[72] SADR, CHANGIZE, CA
[73] SALFLEX POLYMERS LTD., CA
[22] 1999-04-28
[30] US (09/080,354) 1998-05-18

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[13] C
[51] **Int.Cl. 6B62J 27/00 6B62H 7/00 6B62J 39/00**
[25] EN
[54] **SAFETY HANDLE FOR ATTACHMENT TO BICYCLES**
[54] **POIGNEE DE SECURITE A FIXER A DES VELOS**
[72] POMKOSKI, PETER, CA
[73] POMKOSKI, TANYA ANNE, CA
[73] POMKOSKI, LINDA EDNA, CA
[73] POMKOSKI, RANDY JOHN, CA
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[51] **Int.Cl. 6H04L 29/02 6H04L 12/16 6H04L 12/54**
[25] EN
[54] **COMMUNICATIONS SYSTEM AND METHOD**
[54] **SYSTEME DE COMMUNICATIONS ET METHODE D'EMPLOI**
[72] PINARD, DEBORAH L., CA
[72] PERES, ELIANA, CA
[73] MITEL KNOWLEDGE CORPORATION, CA
[22] 1999-05-03
[30] GB (9809601.9) 1998-05-05

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[51] **Int.Cl. 6F28F 13/06 6F01M 5/00 6F28F 3/04 6F28D 1/053 6F28F 1/08**
[25] EN
[54] **HEAT EXCHANGER WITH DIMPLED BYPASS CHANNEL**
[54] **ECHANGEUR DE CHALEUR MUNI D'UN CANAL DE DERIVATION**
[72] CHEONG, ALEX S., CA
[72] LEE, YONG N., US
[73] DANA CANADA CORPORATION / CORPORATION DANA CANADA, CA
[22] 1999-05-28

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[13] C
[51] **Int.Cl. 6B29C 70/30**
[25] EN
[54] **TWIN CHOPPER DEVICE FOR SPRAY-UP MOLDING**
[54] **DISPOSITIF A DEUX LAMES POUR LE MOULAGE A PROJECTION SIMULTANEE**
[72] GAGNE, SYLVAIN, CA
[72] FERLAND, JEAN-FRANCOIS, CA
[72] CTE, MARC, CA
[73] CAMOPLAST INC., CA
[22] 1999-05-26

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[13] C
[51] **Int.Cl. 6B01D 29/03 6B01D 29/54 6B01D 29/64 6B29C 47/68**
[25] EN
[54] **DEVICE FOR FILTERING FLUIDS CONTAINING IMPURITIES**
[54] **DISPOSITIF POUR FILTRER DES FLUIDES CONTENANT DES IMPURETES**
[72] BACHER, HELMUT, AT
[72] SCHULZ, HELMUTH, AT
[72] WENDELIN, GEORG, AT
[73] BACHER, HELMUT, AT
[73] SCHULZ, HELMUTH, AT
[73] WENDELIN, GEORG, AT
[85] 1999-06-03
[86] 1997-12-03 (PCT/AT1997/000268)
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[30] AT (A 2132/96) 1996-12-05

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[13] C
[51] **Int.Cl. 6B01D 24/26**
[25] EN
[54] **HIGH RATE FILTRATION SYSTEM**
[54] **SYSTEME DE FILTRATION A DEBIT ELEVE**
[72] DEW, WILLIAM FREDERICK JR., US
[73] SCHREIBER CORPORATION, US
[85] 1999-06-08
[86] 1997-12-09 (PCT/US1997/022327)
[87] (WO1998/025681)
[30] US (60/032,643) 1996-12-10
[30] US (08/980,537) 1997-12-01

[11] **2,277,224**
[13] C
[51] **Int.Cl. 6C08F 10/00 6C08F 4/609**
[25] EN
[54] **OLEFIN POLYMERIZATION CATALYST COMPOSITION HAVING INCREASED ACTIVITY**
[54] **COMPOSITION CATALYSEUR DESTINEE A LA POLYMERISATION D'OLEFINES ET DOTEE D'UNE ACTIVITE ACCRUE**
[72] SCHRECK, DAVID JAMES, US
[72] WENZEL, TIMOTHY TODD, US
[72] WILLIAMS, CLARK CURTIS, US
[72] WHITEKER, GREGORY TODD, US
[72] PETERSON, THOMAS HENRY, US
[72] OSKAM, JOHN HENRY, US
[72] SISHTA, PURNA CHAND, US
[73] UNIVATION TECHNOLOGIES LLC, US
[85] 1999-07-09
[86] 1998-01-08 (PCT/US1998/000479)
[87] (WO1998/030606)
[30] US (08/781,196) 1997-01-10

[11] **2,279,082**
[13] C
[51] **Int.Cl. 6F23K 3/00 6F23K 3/08**
[25] EN
[54] **CHARGING DEVICE**
[54] **DISPOSITIF DE CHARGEMENT**
[72] MARTIN, JOHANNES JOSEF EDMUND, DE
[72] WEBER, PETER, DE
[73] MARTIN GMBH FUR UMWELT-UND ENERGIETECHNIK, DE
[22] 1999-07-28
[30] DE (198 34 294.2) 1998-07-29

[11] **2,283,140**
[13] C
[51] **Int.Cl. 6F16N 7/00**
[25] EN
[54] **DEVICE FOR CLEANING AND LUBRICATING DRIVE CHAINS**
[54] **DISPOSITIF POUR NETTOYER ET LUBRIFIER DES CHAINES DE TRANSMISSION**
[72] PESL, JOSEF, AT
[73] PESL, JOSEF, AT
[85] 1999-09-01
[86] 1998-03-05 (PCT/AT1998/000053)
[87] (WO1998/040662)
[30] AT (A 386/97) 1997-03-07

[11] **2,284,858**
[13] C
[51] **Int.Cl. 6C12Q 1/68 6C12N 15/31**
[25] EN
[54] **PROBES FOR THE DIAGNOSIS OF INFECTIONS CAUSED BY KLEBSIELLA PNEUMONIAE**
[54] **SONDES POUR LE DIAGNOSTIC D'INFECTIONS DUES AU KLEBSIELLA PNEUMONIAE**
[72] UEYAMA, HIROSHI, JP
[72] KESHI, HIROYUKI, JP
[72] MATSUHISA, AKIO, JP
[72] ABE, KANAKO, JP
[73] FUSO PHARMACEUTICAL INDUSTRIES, LTD., JP
[85] 1999-09-23
[86] 1998-03-23 (PCT/JP1998/001286)
[87] (WO1998/042843)
[30] JP (9/71082) 1997-03-25

[11] **2,285,561**
[13] C
[51] **Int.Cl. 6B23K 9/095 6B23K 11/25**
[25] EN
[54] **WELD QUALITY MEASUREMENT**
[54] **MESURE DE LA QUALITE DE LA SOUDURE**
[72] SIMPSON, STEPHEN WALTER, AU
[73] THE UNIVERSITY OF SYDNEY, AU
[85] 1999-10-06
[86] 1998-04-08 (PCT/AU1998/000244)
[87] (WO1998/045078)
[30] AU (PO 6073) 1997-04-08

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[13] C
[51] **Int.Cl. 6C07D 487/04 6C07D 498/04 6C07K 5/06 6A61K 31/495 6G01N 33/50 6G01N 33/53**
[25] EN
[54] **REVERSE-TURN MIMETICS AND METHODS RELATING THERETO**
[54] **MIMETIQUES A ROTATION INVERSE ET PROCEDES ASSOCIES**
[72] KIM, HWA-OK, US
[72] EGUCHI, MASAKATSU, US
[72] KAHN, MICHAEL S., US
[73] MOLECUMETICS LTD., US
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[72] AUMULLER, PAUL M., CA
[73] IX RESEARCH LTD., CA
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[54] **ATTENUATEUR OPTIQUE REGLABLE**
[72] LAFLAMME, ROBERT, CA
[72] SMILEY, JOHN O., CA
[73] JDS FITEL INC., CA
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[54] **COMPOSITIONS DETERGENTES PARTICULAIRES**
[72] VERSCHELLING, GILBERT MARTIN, GB
[72] LIEM, SEENG DJIANG, NL
[72] EMERY, WILLIAM DEREK, GB
[72] INSTONE, TERRY, GB
[73] UNILEVER PLC, GB
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[54] **LIGNE DE RETARD OPTIQUE A COMMANDE DE PHASE DE RESEAU**
[72] TEARNEY, GUILLERMO J., US
[72] BOUMA, BRETT, E., US
[72] FUJIMOTO, JAMES G., US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **DISTRIBUTION D'UN ECOULEMENT A DEUX CONSTITUANTS POUR MATIERES A VISCOSITE ELEVEE**
[72] KREMER, GREGORY D., US
[72] DEFILLIPI, MICHAEL E., US
[72] BECKER, MICHAEL R., US
[73] INGERSOLL-RAND COMPANY, US
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[72] MATSUNAGA, SEIJI, JP
[72] AIDA, TORU, JP
[73] FUJITSU GENERAL LIMITED, JP
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[54] **EQUERRE DE TRINGLE D'ESCALIER ET ENSEMBLE TRINGLE D'ESCALIER**
[72] ZOROUFY, ABOOLHASSAN, US
[72] ZOROUFY, DAVID HUSSEIN, US
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[54] **ECARTEUR VASCULAIRE**
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[72] VAN BLADEL, KEVIN H., US
[73] GENERAL SURGICAL INNOVATIONS, INC., US
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[54] **APPAREIL ET METHODE ANTIPOLLUTION DE MOTEUR A COMBUSTION INTERNE**
[72] SAKURAI, KAZUHIRO, JP
[72] WATANABE, TAKASHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **CONNECTION SPRING**
[72] BECHAZ, BERNARD, FR
[72] PROST, STEPHANE, FR
[72] FRANCE, PHILIPPE, FR
[73] ENTRELEC S.A., FR
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[73] VENTUR RESEARCH AND DEVELOPMENT CORPORATION, US
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[54] **POMPE DISTRIBUTRICE, DISTRIBUTRICE ET ENSEMBLE D'UNITE DISTRIBUTRICE**
[72] LORSCHEIDT, WILLI, DE
[72] PROX, MATTHIAS, DE
[72] CZECH, MANUEL, DE
[73] RPC WIKO GMBH & CO. KG, DE
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[72] WAITKUS, PHILLIP A., US
[72] MORRISON, THEODORE N., US
[73] PLASTICS ENGINEERING COMPANY, US
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[54] **METHODE ET DISPOSITIF PERMETTANT DE MESURER LA DISTANCE D'UNE MENACE POUR UNE FIBRE OPTIQUE**
[72] ESLAMBOLCHI, HOSSEIN, US
[72] HUFFMAN, JOHN SINCLAIR, US
[73] AT&T CORP., US
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[54] **AUBE FIXE DE TURBINE A GAZ**
[72] ITO, EISAKU, JP
[72] TOMITA, YASUOKI, JP
[72] KUWABARA, MASAMITSU, JP
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[72] HATCH, ALLEN, US
[73] THE BOLER COMPANY, US
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[54] **METHOD AND APPARATUS FOR CONTROLLABLY CONDUCTING A SOLUTION OBTAINED FROM LIQUID-LIQUID EXTRACTION OF TWO SOLUTIONS AND MIXED INTO DISPERSION, TO A WIDE SETTLER**
[54] **PROCEDE ET APPAREIL POUR CONDUIRE UNE SOLUTION OBTENUE A PARTIR D'UNE EXTRACTION LIQUIDE-LIQUIDE DE DEUX SOLUTIONS ET MELANGEES DANS UNE DISPERSION, DE FACON REGULEE, DANS UN GRAND DECANTEUR**
[72] LILJA, LAUNO, FI
[72] LYYRA, JUHANI, FI
[72] NYMAN, BROR, FI
[72] TAIPALE, PETRI, FI
[72] HULTHOLM, STIG-ERIK, FI
[72] SAARENPAA, TIMO, CL
[72] KUUSISTO, RAIMO, FI
[73] OUTOKUMPU OYJ, FI
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[54] **SYSTEME DE DIRECTION DE VEHICULE A CHENILLES AVEC DETECTION DES DEFAILLANCES**
[72] TOPPIN, SCOTT ALLEN, US
[72] HOU, YIFEI, US
[72] BERGENE, MARK ALLEN, US
[72] MISTRY, SANJAY ISHVARLAL, US
[73] DEERE & COMPANY, US
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[54] **DIAGNOSTIC SYSTEM FOR MONITORING COOKING PROFILES**
[54] **SYSTEME DIAGNOSTIQUE DE SURVEILLANCE DE PROFILS DE CUISSON**
[72] KOETHER, BERNARD, US
[72] CESTE, MARIO G. SR., US
[73] TECHNOLOGY LICENSING CORPORATION, US
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[54] **DISPOSITIF ET METHODE DE CAPTEUR DEPLOYABLE**
[72] REID, LENNOX E., US
[72] CIGLENEC, REINHART, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[30] US (09/293,859) 1999-04-16

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[54] **CHEMIN DE ROULEMENT DOTE DE PRISES ELECTRIQUES MONTEES SUR RAIL ET DISPOSEES DE MANIERE ALEATOIRE**
[72] ROGERS, WILFRED R., US
[72] CANCELLIERI, SALVATORE A., US
[73] THE WIREMOLD COMPANY, US
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[72] LOEHR, KARL R., US
[72] ROBINSON, DARRELL, US
[72] PRUEHS, ALLEN V., US
[73] EKSTROM INDUSTRIES, INC., US
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[54] **UN OUTIL A PLUSIEURS DIAMANTS**
[72] SHIRAISHI, JUNICHI, JP
[72] NAKAI, TETSUO, JP
[72] YOSHIDA, KATSUHITO, JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
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[54] **HIGH SOLIDS INTERACTIVE COATING COMPOSITION, INK JET RECORDING MEDIUM AND METHOD**
[54] **COMPOSITION DE REVETEMENT INTERACTIF A HAUTE TENEUR EN SOLIDES, SUPPORT ET METHODE D'ENREGISTREMENT A JET D'ENCRE**
[72] TRITZ, LELAND O., US
[72] SCHLIESMAN, LEONARD J., US
[72] SPREDA, KAREN K., US
[73] STORA ENSO NORTH AMERICA CORP., US
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[54] **APPAREIL POUR IMAGERIE MAMMAIRE A RESOLUTION TEMPORELLE**
[72] WAKE, ROBERT H., US
[73] IMAGING DIAGNOSTIC SYSTEMS, INC., US
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[54] **TETE D'ENREGISTREMENT, SUBSTRAT DE TETE D'ENREGISTREMENT ET ENREGISTREUR**
[72] MATSUMOTO, NOBUYUKI, JP
[72] IMANAKA, YOSHIYUKI, JP
[72] TANEYA, YOICHI, JP
[72] SAITO, ICHIRO, JP
[72] ISHINAGA, HIROYUKI, JP
[72] MOCHIZUKI, MUGA, JP
[73] CANON KABUSHIKI KAISHA, JP
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[54] **GUINDEAU**
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[73] LEWMAR LIMITED, GB
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[54] **GANTRY-MOUNTED LASER NOZZLE AND METHOD FOR CONTROLLING LASER POSITIONING**
[54] **AJUTAGE AU LASER MONTE SUR SUPPORT MOBILE ET PROCEDE SERVANT A COMMANDER LE POSITIONNEMENT DU LASER**
[72] WANT, CHRIS J., CA
[72] ANDREWS, RANDALL G., CA
[72] SAWATZKY, BRIAN D., CA
[73] LACENT TECHNOLOGIES INC., CA
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[54] **PROCEDE POUR PRODUIRE DU 1,2-DICHLOROETHANE PAR OXYCHLORATION**
[72] KAMMERHOFER, PETER, DE
[72] SCHWARZMAIER, PETER, DE
[72] ERTL, HORST, DE
[72] MIELKE, INGOLF, DE
[73] VINNOLIT MONOMER GMBH & CO. KG, DE
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[54] **RESERVOIR COMPRENANT UN DISPOSITIF DE PROTECTION**
[72] ARGENTIERI, ANDREA, BE
[72] LAWSON, JOHN RUSSELL, IT
[72] RICCI, PATRIZIO, BE
[72] VUIJK, JELLE DANKERT, IT
[72] CROZET, YVON, IT
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **COMMANDE DE CHARGE MECANIQUE POUR PEDALE D'ACCELERATION ELECTRONIQUE**
[72] KALSI, AVTAR S., CA
[72] WHEELER, DOUGLAS J., US
[73] TELEFLEX INCORPORATED, US
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[25] EN
[54] **COMPONENT OF PRINTED CIRCUIT BOARDS**
[54] **COMPOSANT DE CARTES DE CIRCUITS IMPRIMES**
[72] SCHNEIDER, BERND, DE
[73] NIKKO MATERIALS USA, INC., US
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[25] EN
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[54] **SOURCES POUR LAMPE A DECHARGE ET PROCEDES CORRESPONDANTS**
[72] SHIMKAVEG, GREGORY M., US
[72] KLOSNER, MARC A., US
[72] SILFVAST, WILLIAM T., US
[73] EUV, L.L.C., US
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[72] SAMPSON, JOHN ROGER, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[25] EN
[54] **IMPLEMENT HITCH**
[54] **DIPOSITIF D'ATTELAGE**
[72] NOONAN, JAMES THOMAS, US
[72] ROYER, ANTHONY SCOTT, US
[72] PARKER, PAUL DAVID, US
[72] MOSDAL, BRIAN THOMAS, US
[72] PAYNE, DAVID ALAN, US
[73] DEERE & COMPANY, US
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[51] **Int.Cl. 6H01L 21/68**
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[54] **MODELE DE CHASSIS VERTICAL ANTIDERAPANT A BRAS HORIZONTAUX ARRONDIS**
[72] HENGST, RICHARD R., US
[73] SAINT-GOBAIN INDUSTRIAL CERAMICS, INC., US
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[25] EN
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[72] FISCHER, KURT, DE
[73] IGUS SPRITZGUSSTEILE FUR DIE INDUSTRIE GMBH, DE
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[54] **DISPOSITIF DE SOUTIEN DE LA MACHOIRE D'UN ANIMAL**
[72] RICE, INGRID C., CA
[73] POCKET PET CONCEPTS INC., CA
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[54] **EXTENSION DE PLAGE DYNAMIQUE DANS UN RECEPTEUR LARGE BANDE**
[72] LI, BIXIA, US
[72] OBERHAMMER, WOLFGANG, CA
[73] NORTEL NETWORKS LIMITED, CA
[22] 2000-10-23
[30] US (09/469,467) 1999-12-22

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[11] * **2,324,158**
[13] C
[51] **Int.Cl. 7A63B 71/14**
[25] EN
[54] **SPORTS GLOVE**
[54] **GANTS DE SPORT**
[72] YOSHIDA, SATOSHI, JP
[72] SOMA, TETSU, JP
[72] NISHIJIMA, KONOSUKE, JP
[73] MIZUNO CORPORATION, JP
[85] 2000-09-15
[86] 1999-12-24 (PCT/JP1999/007308)
[87] (WO2000/041777)
[30] JP (11-008921) 1999-01-18
[30] JP (11-351334) 1999-12-10

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[11] **2,324,222**
[13] C
[51] **Int.Cl. 6B09B 3/00 6C05F 1/00 6C05F 9/00**
[25] EN
[54] **METHOD FOR BIO-REFINING ORGANIC WASTE MATERIAL TO PRODUCE DENATURED AND STERILE NUTRIENT PRODUCTS**
[54] **PROCEDE DE BIORAFFINAGE DE DECHETS ORGANIQUES POUR LA PRODUCTION DE PRODUITS NUTRITIONNELS STERILES ET DENATURES**
[72] SCHMIDT, ERICK, CA
[73] BIOSPHERE TECHNOLOGIES INC., CA
[85] 2000-09-18
[86] 1999-03-18 (PCT/CA1999/000220)
[87] (WO1999/047282)
[30] US (60/078,437) 1998-03-18

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[11] **2,328,676**
[13] C
[51] **Int.Cl. 7H01R 12/14**
[25] EN
[54] **PLUG CONNECTOR**
[54] **FICHE DE CONNEXION**
[72] HARTING, DIETMAR, DE
[72] PAPE, GUNTER, DE
[72] BERGHORN, MANFRED, DE
[73] HARTING ELECTRONICS GMBH & CO. KG, DE
[22] 2000-12-15
[30] DE (199 60 857.1) 1999-12-16

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[11] **2,329,457**
[13] C
[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **HEADER COMPRESSION FOR GENERAL PACKET RADIO SERVICE TUNNELING PROTOCOL (GTP)-ENCAPSULATED PACKETS**
[54] **COMPRESSION D'EN-TETE POUR PAQUETS ENCAPSULES CONFORMES AU PROTOCOLE D'ACHEMINEMENT DU SERVICE GENERAL DE RADIOCOMMUNICATION EN MODE PAQUET (GTP)**
[72] CHUAH, MOOI CHOO, US
[73] LUCENT TECHNOLOGIES INC., US
[22] 2000-12-21
[30] US (09/497,002) 2000-02-02

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[11] **2,330,520**
[13] C
[51] **Int.Cl. 7B05C 17/005 7B05C 17/00**
[25] EN
[54] **PAINT APPLICATOR SYSTEM**
[54] **APPLICATEUR DE PEINTURE**
[72] RUSSO, TIMOTHY M., US
[73] RUSSO, TIMOTHY M., US
[22] 2001-01-09
[30] US (09/568,573) 2000-05-10

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[11] **2,332,621**
[13] C
[51] **Int.Cl. 7C03C 25/28 7C09D 5/08**
[25] EN
[54] **CORROSION INHIBITING COMPOSITION FOR POLYACRYLIC ACID BASED BINDERS**
[54] **COMPOSITION LIMITANT LA CORROSION POUR LIANTS A BASE D'ACIDE POLYACRYLIQUE**
[72] BRANNON, KATHRYN, L., US
[72] AGRAWAL, ARUN, K., US
[72] CHEN, LIANG, US
[72] WILLIAMS, STEVEN, H., US
[73] OWENS CORNING, US
[85] 2000-11-16
[86] 1999-05-18 (PCT/US1999/010963)
[87] (WO1999/061384)
[30] US (60/087,038) 1998-05-28

[11] **2,335,398**
[13] C
[51] **Int.Cl. 7A61L 2/10 7D06M 10/00**
[25] EN
[54] **BEDDING SANITIZATION**
[54] **STERILISATEUR D'ARTICLES DE LITERIES**
[72] FENC, JERRY, CA
[73] FENC, JERRY, CA
[22] 2001-01-30

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[11] **2,335,700**
[13] C
[51] **Int.Cl. 6A61F 5/443**
[25] EN
[54] **ADHESIVE URINE COLLECTOR**
[54] **COLLECTEUR D'URINE ADHESIF**
[72] SCHOLTZ, MANUELA, DE
[72] D'ACCHIOLI, VINCENZO, DE
[72] SCHMIDT, GESCHE, DE
[72] PALUMBO, GIANFRANCO, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-12-15
[86] 1999-06-11 (PCT/US1999/012959)
[87] (WO2000/000111)
[30] US (PCT/US98/132..9) 1998-06-26
[30] US (PCT/US98/13288) 1998-06-26
[30] EP (98124718.2) 1998-12-28

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[11] **2,337,419**
[13] C
[51] **Int.Cl. 7D21D 1/30**
[25] EN
[54] **REFINER PLATE WITH CHICANES**
[54] **PLAQUE DE RAFFINEUR A CHICANES**
[72] GINGRAS, LUC, US
[73] DURAMETAL CORPORATION, US
[85] 2001-01-15
[86] 1998-08-19 (PCT/US1998/017162)
[87] (WO2000/011264)

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[11] **2,337,996**
[13] C
[51] **Int.Cl. 7H04Q 7/36 7H04B 7/216 7H04B 7/26**
[25] EN
[54] **APPARATUS AND METHOD FOR EXCHANGING VARIABLE-LENGTH DATA ACCORDING TO A RADIO LINK PROTOCOL IN A MOBILE COMMUNICATION SYSTEM**
[54] **APPAREIL ET METHODE PERMETTANT D'ECHANGER DES DONNEES DE LONGUEUR VARIABLE CONFORMEMENT A UN PROTOCOLE DE LIAISON RADIO DANS UN SYSTEME DE COMMUNICATION MOBILE**
[72] LEE, HYUN-SEOK, KR
[72] CHANG, HOON, KR
[72] KOO, CHANG-HOI, KR
[72] KIM, DAE-GYUN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2001-01-17
[86] 2000-05-24 (PCT/KR2000/000524)
[87] (WO2000/072474)
[30] KR (1999/19540) 1999-05-24

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[11] **2,338,242**
[13] C
[51] **Int.Cl. 7B27B 7/04**
[25] EN
[54] **ACTIVE SAWGUIDE ASSEMBLY AND METHOD**
[54] **METHODE ET ENSEMBLE GUIDE-SCIE ACTIF**
[72] BURNS, JEFFREY T., CA
[72] MITCHELL, RORY M., CA
[72] MCGEHEE, RONALD W., CA
[73] COE NEWNES/MCGEHEE ULC, CA
[22] 2001-02-23
[30] US (60/184,422) 2000-02-23

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[11] * **2,339,770**
[13] C
[51] **Int.Cl. 7E04F 10/08 7E04B 5/00 7E04F 19/00 7E04G 13/00**
[25] EN
[54] **BALCONY SHIELDING DEVICE**
[54] **DISPOSITIF DE PROTECTION POUR BALCON**
[72] LARIN, NORMAND, CA
[73] LARIN, NORMAND, CA
[73] INVENTIONS N. L. INC., CA
[22] 2001-03-07
[30] GB (0005651.5) 2000-03-10

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[11] **2,342,272**
[13] C
[51] **Int.Cl. 7A61D 15/00 7A61D 7/00**
[25] EN
[54] **EQUINE DENTAL SPECULUM**
[54] **SPECULUM DENTAIRE POUR CHEVAUX**
[72] WILLIAMS, TODD, CA
[73] WILLIAMS, TODD, CA
[22] 2001-03-27
[30] US (09/630,588) 2000-08-01

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[11] **2,344,146**
[13] C
[51] **Int.Cl. 6H04Q 7/36**
[25] EN
[54] **LOCATION REPORTING SATELLITE PAGING SYSTEM WITH OPTIONAL BLOCKING OF LOCATION REPORTING**
[54] **SYSTEME DE RECHERCHE DE PERSONNES PAR SATELLITE AVEC INDICATION DE LOCALISATION, DOTE D'UNE POSSIBILITE DE BLOCAGE DE CETTE INDICATION**
[72] CHESNEY, DENZIL, US
[72] FOMUKONG, MUNDI, US
[73] FOMUKONG, MUNDI, US
[85] 2001-03-14
[86] 1998-09-16 (PCT/US1998/019270)
[87] (WO2000/016480)

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[11] **2,345,766**
[13] C
[51] **Int.Cl. 7F25B 41/00 7F25D 11/00 7A47F 3/04**
[25] EN
[54] **REFRIGERATED MERCHANDISER SYSTEM**
[54] **SYSTEME DE PRESENTOIR REFRIGERE**
[72] FUNG, KWOK KWONG, US
[72] DADDIS, EUGENE DUANE JR., US
[72] CHIANG, ROBERT HONG LEUNG, US
[73] CARRIER CORPORATION, US
[22] 2001-05-01
[30] US (09/573,308) 2000-05-18

[11] **2,346,320**
[13] C
[51] **Int.Cl. 7A61K 9/66 7A61P 17/00 7A61K 31/375 7A61K 31/409 7A61K 38/41 7A61K 7/48**
[25] FR
[54] **MICROCAPSULES A COEUR AQUEUX CONTENANT AU MOINS UN PRINCIPE ACTIF COSMETIQUE OU DERMATOLOGIQUE HYDROSOLUBLE ET COMPOSITIONS COSMETIQUES OU DERMATOLOGIQUES LES CONTENANT**
[54] **AQUEOUS-CENTRE MICROCAPSULES CONTAINING AT LEAST ONE WATER-SOLUBLE, COSMETIC OR DERMATOLOGICAL ACTIVE INGREDIENT AND COSMETIC OR DERMATOLOGICAL COMPOSITIONS CONTAINING THEM**
[72] BIATRY, BRUNO, FR
[72] LHEUREUX, ERIC, FR
[73] L'OREAL, FR
[22] 2001-05-03
[30] FR (00/05756) 2000-05-05

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[11] **2,346,586**
[13] C
[51] **Int.Cl. 7F24H 1/34**
[25] EN
[54] **POWER BURNER TYPE FUEL-FIRED WATER HEATER WITH QUICK CHANGE MANIFOLD ASSEMBLY**
[54] **CHAUFFE-EAU A BRULEUR MECANIQUE ALIMENTE EN CARBURANT MUNI D'UN COLLECTEUR A CHANGEMENT RAPIDE**
[72] WELK, GREGORY M., US
[73] RHEEM MANUFACTURING COMPANY, US
[22] 2001-05-08
[30] US (09/669,294) 2000-09-25

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[11] **2,346,757**
[13] C
[51] **Int.Cl. 7H01R 13/46 7H01R 13/514**
[25] EN
[54] **PLUG CONNECTOR**
[54] **FICHE DE CONNEXION**
[72] SCHWETTMANN, HARTMUT, DE
[72] SCHREIER, STEPHAN, DE
[73] HARTING ELECTRIC GMBH & CO. KG, DE
[22] 2001-05-07
[30] DE (100 22 374.5) 2000-05-08

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[11] **2,347,273**
[13] C
[51] **Int.Cl. 7A47K 13/24 7E03D 9/04**
[25] EN
[54] **SYSTEM FOR DIRECTLY VENTING ODOUR AIR FROM TOILET BOWL**
[54] **SYSTEME A EVACUATION D'AIR DIRECTE DU BOL DE TOILETTE VERS L'EXTERIEUR**
[72] MIN, KIM HONG, CA
[73] KIM, SUNG II, CA
[22] 2001-05-11

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[11] **2,349,364**
[13] C
[51] **Int.Cl. 7B60N 2/28**
[25] EN
[54] **UNIVERSAL ATTACHMENT FOR CHILD CAR SEAT**
[54] **FIXATION UNIVERSELLE POUR SIEGE D'AUTO D'ENFANT**
[72] RHEIN, JOHN F., US
[72] ASBACH, RONALD M., US
[73] MATTEL, INC., US
[22] 2001-05-31
[30] US (09/598,989) 2000-06-22

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[11] **2,353,450**
[13] C
[51] **Int.Cl. 7F25D 3/08 7B65D 81/38**
[25] EN
[54] **PORTABLE CONTAINER FOR REFRIGERATED OR FROZEN GOODS**
[54] **CONTENANT PORTATIF POUR MARCHANDISES REFRIGEREES OU SURGELEES**
[72] NEWMAN, MICHAEL D., US
[73] THE BOC GROUP, INC., US
[22] 2001-07-24
[30] US (09/681,226) 2001-02-28

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[11] **2,355,346**
[13] C
[51] **Int.Cl. 7C02F 1/461**
[25] EN
[54] **ELECTROLYTIC APPARATUS, METHODS FOR PURIFICATION OF AQUEOUS SOLUTIONS AND SYNTHESIS OF CHEMICALS**
[54] **APPAREIL ELECTROLYTIQUE, PROCEDES DE PURIFICATION DE SOLUTIONS AQUEUSES, ET SYNTHESE DE SUBSTANCES CHIMIQUES**
[72] WEINBERG, NORMAN L., US
[72] ZAPPI, GUILLERMO DANIEL, US
[73] ZAPPI WATER PURIFICATION SYSTEMS, INC., US
[85] 2001-05-30
[86] 1999-12-06 (PCT/US1999/028869)
[87] (WO2000/034184)
[30] US (09/206,924) 1998-12-07
[30] US (09/433,686) 1999-11-04

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[11] **2,358,207**
[13] C
[51] **Int.Cl. 7G03G 15/20**
[25] EN
[54] **INSTALLATION OF UPPER SKIVE PLATE IN THE FUSER SECTION OF AN ELECTROPHOTOGRAPHIC MACHINE**
[54] **INSTALLATION D'UNE PLAQUE DE BISEAUTAGE SUPERIEURE DANS LA SECTION DE FUSION D'UNE MACHINE ELECTROPHOTOGRAPHIQUE**
[72] ORCHARD, JAMES V., II, US
[72] MORGANTI, TERRY N., US
[73] HEIDELBERGER DRUCKMASCHINEN AG, DE
[22] 2001-10-04
[30] US (09/679,239) 2000-10-04

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[11] **2,358,790**
[13] C
[51] **Int.Cl. 7H04L 7/00 7H04B 10/08**
[25] EN
[54] **OUT-OF-SYNC DETECTOR, RECEIVER AND OPTICAL RECEIVER**
[54] **DETECTEUR, RECEPTEUR ET RECEPTEUR OPTIQUE DE DEPHASAGE**
[72] NOGUTI, HIDEMI, JP
[73] NEC CORPORATION, JP
[22] 2001-10-15
[30] JP (2000-315367) 2000-10-16

[11] **2,359,163**
[13] C
[51] **Int.Cl. 7G01N 33/68**
[25] EN
[54] **METHODS AND KITS FOR SEQUENCING POLYPEPTIDES**
[54] **PROCEDES PERMETTANT DE SEQUENCER DES POLYPEPTIDES ET KITS A CET EFFET**
[72] KEOUGH, THOMAS WOODS, US
[72] YOUNGQUIST, ROBERT SCOTT, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-06-29
[86] 2000-01-12 (PCT/US2000/000790)
[87] (WO2000/043792)
[30] US (60/116,502) 1999-01-20
[30] US (60/156,677) 1999-09-29

[11] **2,359,260**
[13] C
[51] **Int.Cl. 7H04N 13/02 7H04N 7/50**
[25] EN
[54] **CODING APPARATUS AND METHOD FOR ORIENTATION INTERPOLATOR NODE**
[54] **APPAREIL DE CODAGE, ET METHODE POUR NOEUD INTERPOLATEUR D'ORIENTATION**
[72] KIM, DO-KYOON, KR
[72] JUNG, SEOK-YOON, KR
[72] KIM, SUNG-JIN, KR
[72] WOO, SANG-OAK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2001-10-18
[30] KR (2000-61985) 2000-10-20
[30] KR (2001-40705) 2001-07-07

[11] **2,359,519**
[13] C
[51] **Int.Cl. 7H04N 13/02 7H04N 7/50**
[25] EN
[54] **ENCODING/DECODING APPARATUS AND METHOD FOR ORIENTATION INTERPOLATOR NODE DATA**
[54] **APPAREIL CODEUR/DECODEUR ET METHODE D'ORIENTATION INTERPOLAIRE D'UN NOEUD DE DONNEES**
[72] KIM, DO-KYOON, KR
[72] JUNG, SEOK-YOON, KR
[72] WOO, SANG-OAK, KR
[72] KIM, SUNG-JIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2001-10-19
[30] KR (2000-61985) 2000-10-20
[30] KR (2001-40706) 2001-07-07

[11] **2,360,594**
[13] C
[51] **Int.Cl. 7B41M 5/28 7G03F 7/025 7G03C 1/73**
[25] EN
[54] **SYSTEM FOR IMAGING A RECORDING FILM**
[54] **SYSTEME POUR AFFICHER LES IMAGES D'UN FILM D'ENREGISTREMENT**
[72] LEWIS, DAVID F., US
[73] ISP INVESTMENTS INC., US
[22] 1991-09-16
[62] 2,093,115
[30] US (601,546) 1990-10-23

[11] **2,361,792**
[13] C
[51] **Int.Cl. 7B60R 16/02 7F02N 15/10**
[25] EN
[54] **ENGINE PROTECTING APPARATUS FOR VEHICLE**
[54] **APPAREIL DE PROTECTION DE MOTEUR DE VEHICULE**
[72] ITO, NOBUYASU, JP
[73] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[22] 2001-11-09
[30] JP (2001-171350) 2001-06-06

[11] **2,362,162**
[13] C
[51] **Int.Cl. 7G02F 1/355**
[25] EN
[54] **OPTICAL NONLINEARITY MATERIAL AND PRODUCTION METHOD THEREFOR**
[54] **MATERIAU A NON LINEARITE OPTIQUE ET SON PROCEDE DE PRODUCTION**
[72] IKUSHIMA, AKIRA, JP
[72] MATSUMOTO, SYUJI, JP
[72] FUJIWARA, TAKUMI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] TOYOTA SCHOOL FOUNDATION, JP
[85] 2001-08-16
[86] 2000-02-16 (PCT/JP2000/000874)
[87] (WO2000/049459)
[30] JP (11/37905) 1999-02-16

[11] **2,365,572**
[13] C
[51] **Int.Cl. 7G06F 9/44**
[25] EN
[54] **EXTENDING THE ATTRIBUTES OF AN APPLICATION GENERATED USING A FOURTH GENERATION PROGRAMMING TOOL**
[54] **ELARGISSEMENT DES ATTRIBUTS D'UNE APPLICATION GENEREE AU MOYEN D'UN OUTIL DE PROGRAMMATION DE QUATRIEME GENERATION**
[72] HARRISON, CHRISTOPHER, FR
[72] SAXENA, SANJAY, US
[73] ORACLE INTERNATIONAL CORPORATION, US
[85] 2001-10-15
[86] 2000-05-25 (PCT/US2000/014624)
[87] (WO2000/072140)
[30] US (09/318,518) 1999-05-25

[11] **2,370,623**
[13] C
[51] **Int.Cl. 7A61M 5/142**
[25] EN
[54] **METHOD AND APPARATUS FOR INFUSING LIQUIDS USING A CHEMICAL REACTION IN AN IMPLANTED INFUSION DEVICE**
[54] **PROCEDE ET APPAREIL DE PERFUSION DE LIQUIDES PAR REACTION CHIMIQUE POUR DISPOSITIF DE PERFUSION IMPLANTE**
[72] MANN, ALFRED E., US
[73] MEDICAL RESEARCH GROUP, INC., US
[85] 2001-10-12
[86] 2000-06-08 (PCT/US2000/015879)
[87] (WO2000/074751)
[30] US (60/138,138) 1999-06-08

[11] **2,372,087**
[13] C
[51] **Int.Cl. 7A22B 5/20**
[25] EN
[54] **AUTOMATED SAW FOR SPLITTING CARCASSES**
[54] **SCIE AUTOMATIQUE POUR FENDRE DES CARCASSES**
[72] KIELWASSER, JEAN C., US
[73] JARVIS PRODUCTS CORPORATION, US
[85] 2001-10-29
[86] 2000-06-08 (PCT/US2000/015720)
[87] (WO2001/001783)
[30] US (09/340,244) 1999-07-01

[11] **2,374,355**
[13] C
[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **PRIORITIZATION AND FLOW CONTROL OF DATA PACKETS FOR A SPREAD SPECTRUM MULTIUSER CHANNEL**
[54] **ETABLISSEMENT DES PRIORITES ET REGULATION DE PAQUET DE DONNEES DANS UN CANAL MULTI-UTILISATEURS A SPECTRE ETALE**
[72] TERRY, STEPHEN E., US
[73] INTERDIGITAL TECHNOLOGY CORPORATION, US
[85] 2001-11-16
[86] 2000-05-19 (PCT/US2000/013918)
[87] (WO2000/072608)
[30] US (60/135,073) 1999-05-20

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[11] **2,375,089**
[13] C
[51] **Int.Cl. 7G01N 27/327 7C12Q 1/00**
[25] EN
[54] **DISPOSABLE SUB-MICROLITER VOLUME SENSOR AND METHOD OF MAKING**
[54] **DETECTEUR JETABLE DE VOLUMES SUB-MICROLITRE ET SON PROCEDE DE FABRICATION**
[72] YOUNG, CHUNG CHANG, US
[72] CAI, XIAOHUA, US
[72] WINARTA, HANDANI, US
[72] SETO, FUNG, US
[73] NOVA BIOMEDICAL CORPORATION, US
[85] 2001-11-23
[86] 2000-05-31 (PCT/US2000/015106)
[87] (WO2000/073778)
[30] US (09/324,493) 1999-06-02

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[11] **2,379,300**
[13] C
[51] **Int.Cl. 7H03F 1/32**
[25] EN
[54] **FEEDFORWARD AMPLIFIER**
[54] **AMPLIFICATEUR A CORRECTION PRECURSIVE**
[72] NAKAYAMA, MASATOSHI, JP
[72] SENDA, HARUYASU, JP
[72] TOTANI, KAZUYUKI, JP
[72] IKEDA, YUKIO, JP
[72] HORIGUCHI, KENICHI, JP
[72] SAKAI, YUJI, JP
[72] KUNUGI, SATOSHI, JP
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
[85] 2002-01-14
[86] 2001-04-03 (PCT/JP2001/002900)
[87] (WO2001/091283)
[30] JP (2000-154581) 2000-05-25

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[11] **2,380,300**
[13] C
[51] **Int.Cl. 7H01Q 1/04 7H04B 13/02 7E21B 47/12 7H01Q 13/12**
[25] EN
[54] **ELECTROMAGNETIC ANTENNA EXTENSION ASSEMBLY AND METHOD**
[54] **ENSEMBLE ET PROCEDE DE PROLONGEMENT D'ANTENNE ELECTROMAGNETIQUE**
[72] HAY, RICHARD THOMAS, CA
[72] SAND, BYRON JOHN, CA
[73] HALLIBURTON ENERGY SERVICES, INC., CA
[85] 2002-01-23
[86] 2000-10-26 (PCT/CA2000/001259)
[87] (WO2001/033662)
[30] US (60/162,221) 1999-10-29

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[11] **2,388,112**
[13] C
[51] **Int.Cl. 7E04H 1/12**
[25] EN
[54] **PIPELINE WELDING SHELTER AND METHOD OF USE OF THE SAME**
[54] **ABRI POUR SOUDAGE SUR PIPELINE ET METHODE D'UTILISATION**
[72] MORONEY, CHRISTOPHER MARK, CA
[73] C-MARK WELDING LTD., CA
[22] 2002-05-29

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[11] **2,391,757**
[13] C
[51] **Int.Cl. 7F23D 14/62**
[25] EN
[54] **BURNER FUEL MIXER HEAD FOR CONCURRENTLY BURNING TWO GASEOUS FUELS**
[54] **TETE DE MELANGE DE COMBUSTIBLES POUR BRULER DEUX COMBUSTIBLES GAZEUX ENSEMBLE**
[72] WESTERGAARD, PER, CA
[73] WESTERGAARD, PER, CA
[22] 2002-06-26

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[11] **2,393,970**
[13] C
[51] **Int.Cl. 7H05B 3/28 7H05B 3/36**
[25] EN
[54] **A THERMOPLASTIC LAMINATE FABRIC HEATER AND METHODS FOR MAKING SAME**
[54] **DISPOSITIF DE CHAUFFAGE DE STRATIFIE THERMOPLASTIQUE ET PROCEDE DE FABRICATION ASSOCIE**
[72] GARDNER, ALAN D., US
[72] ROLLS, JOHN A., US
[72] PARKIN, JEFF R., US
[72] MILLER, ANDREW J., GB
[73] THERMION SYSTEMS INTERNATIONAL, US
[85] 2002-06-10
[86] 2000-12-08 (PCT/US2000/033261)
[87] (WO2001/043507)
[30] US (60/170,016) 1999-12-10

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[54] **PREPARATION OF LITHIUM-CONTAINING MATERIALS**
[54] **PRODUCTION DE MATERIAUX CONTENANT DU LITHIUM**
[72] SAIDI, M. YAZID, US
[72] BARKER, JEREMY, GB
[72] SWOYER, JEFFREY L., US
[73] VALENCE TECHNOLOGY, INC., US
[85] 2002-06-13
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[51] **Int.Cl. 7A61K 7/48 7A61K 31/375**
[25] EN
[54] **STABILIZED ASCORBIC ACID SOLUTIONS; USE THEREOF; PROCESS FOR THEIR OBTENTION; AND FORMULATIONS COMPRISING THE SAME**
[54] **SOLUTIONS D'ACIDE ASCORBIQUE STABILISEES, LEUR UTILISATION, LEUR PROCEDE DE PRODUCTION ET PREPARATIONS LES COMPRENANT**
[72] VIVIER, GHISLAIN, CA
[72] COSTA, ANTHONY, CA
[73] VIVIER CANADA INC., CA
[85] 2002-07-17
[86] 2001-09-10 (PCT/CA2001/001270)
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[51] **Int.Cl. 7F16K 5/00**
[25] EN
[54] **IMPROVED SYSTEMS AND METHODS FOR SERVICING BALL VALVES**
[54] **SYSTEMES ET METHODES AMELIORES POUR ENTRETENIR LES SOUPAPES A BILLE**
[72] MULLINS, DOUGLAS O., US
[73] GATX RAIL CORPORATION, US
[22] 2002-10-15
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[51] **Int.Cl. 7A61K 31/10 7A23K 1/00 7A61K 31/045**
[25] EN
[54] **MANAGEMENT OF SNORING BY ORAL ADMINISTRATION OF DIMETHYL SULFONE**
[54] **TRAITEMENT DU RONFLEMENT PAR ADMINISTRATION PAR VOIE ORALE DE SULFONE DE DIMETHYLE**
[72] JACOB, STANLEY W., US
[73] ELSTAN CORPORATION, US
[85] 2002-11-12
[86] 2001-06-01 (PCT/US2001/017705)
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[30] US (09/586,075) 2000-06-02

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[25] EN
[54] **SYNCHRONIZATION DETECTION APPARATUS**
[54] **APPAREIL DE DETECTION DE SYNCHRONISATION**
[72] AZAKAMI, HIROSHI, JP
[72] KONISHI, TAKAAKI, JP
[72] KATO, HISAYA, JP
[72] UEDA, KAZUYA, JP
[72] SUZUKI, KAZUAKI, JP
[72] TOKUNAGA, NAOYA, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2003-01-08
[86] 2002-04-05 (PCT/JP2002/003415)
[87] (WO2002/084937)
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[25] EN
[54] **CHRISTMAS LIGHT CLIP**
[54] **PINCE POUR LUMIERES DE NOEL**
[72] LIMBER, JAMIE A., US
[72] VASQUEZ, ROBERT, US
[73] THE CHRISTMAS LIGHT COMPANY, INC., US
[22] 2003-02-06
[30] US (10/068,413) 2002-02-07

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[25] EN
[54] **SAFETY TAP FOR HOT WATER DISPENSER**
[54] **ROBINET DE SECURITE POUR DISTRIBUTEUR D'EAU CHAUDE**
[72] YUI, GEORGE, CA
[73] YUI, GEORGE, CA
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June 27, 2004 - July 3, 2004

Demandes canadiennes mises à la disponibilité du public

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[54] **RAMSES 2**
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[72] ST-GELAIS, MICHEL, CA
[71] ST-GELAIS, MICHEL, CA
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[51] **Int.Cl. 7B60F 3/00 7B63B 35/00**
[25] EN
[54] **FLOAT SYSTEM FOR ATV**
[54] **FLOTTEURS POUR VEHICULES TOUT TERRAIN**
[72] BELZILE, LUC, CA
[71] BELZILE, LUC, CA
[22] 2003-01-03
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[51] **Int.Cl. 7H02G 7/05**
[25] EN
[54] **OVERHEAD POWERLINE SUSPENSION SYSTEM**
[54] **SYSTEME DE SUSPENSION DE LIGNE AERIENNE DE TRANSPORT D'ENERGIE**
[72] STABINS, PETER ANDREW, CA
[71] STABINS, PETER ANDREW, CA
[22] 2002-12-27
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[25] EN
[54] **TEMPORARY SUPPORT FOR A CONSUMER SERVICE FOR HOUSING CONSTRUCTION SECTOR**
[54] **SUPPORT TEMPORAIRE DE DISPOSITIF DE BRANCHEMENT ELECTRIQUE POUR MAISONS EN CONSTRUCTION**
[72] LEMBO, LEONARD, CA
[71] LEMBO, LEONARD, CA
[71] SPACE AGE ELECTRIC (OSHAWA) LIMITED, CA
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[51] **Int.Cl. 7H02G 7/05**
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[54] **SYSTEME DE SUSPENSION DE LIGNE AERIENNE DE TRANSPORT D'ENERGIE**
[72] STABINS, PETER ANDREW, CA
[71] STABINS, PETER ANDREW, CA
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[25] EN
[54] **SUBMERSIBLE BOAT**
[54] **BATEAU SUBMERSIBLE**
[72] BELZILE, LUC, CA
[71] BELZILE, LUC, CA
[22] 2003-01-03
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[25] EN
[54] **TARGETED LIGANDS**
[54] **LIGANDS CIBLES**
[72] HERMAN, WILLIAM, CA
[71] HERMAN, WILLIAM, CA
[22] 2002-12-30
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[51] **Int.Cl. 7E01C 9/08 7E01C 5/00 7E01C 11/02 7E01D 15/12**
[25] EN
[54] **PORTABLE INTERLOCKING ROAD MAT**
[54] **TAPIS ROUTIER PORTATIF A PIECES AUTOBLOQUANTES**
[72] SPARROW, KELLY, CA
[72] BEAMISH, SHAWN, CA
[71] SPARROW, KELLY, CA
[71] BEAMISH, SHAWN, CA
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[41] 2004-07-03

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[21] **2,414,716**
[13] A1
[51] **Int.Cl. 7A63B 69/36**
[25] EN
[54] **PUTTING PRACTICE DEVICE AND PRACTICE METHOD USING SAID DEVICE**
[54] **DISPOSITIF DE PRATIQUE DU COUP ROULE ET METHODE DE PRATIQUE**
[72] THIBAUDEAU, PIERRE, CA
[71] THIBAUDEAU, PIERRE, CA
[22] 2002-12-27
[41] 2004-06-27

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[13] A1
[51] **Int.Cl. 7G01K 7/16 7G01K 13/00 7G08B 21/02**
[25] EN
[54] **ELECTRONIC WATER TEMPERATURE MEASURING APPARATUS**
[54] **APPAREIL ELECTRONIQUE DE MESURE DE LA TEMPERATURE DE L'EAU**
[72] LIAO, YI-CHIA, XX
[71] LIAO, YI-CHIA, XX
[22] 2002-12-27
[41] 2004-06-27

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[51] **Int.Cl. 7B65D 47/20**
[25] EN
[54] **DROPPER CAP**
[54] **BOUCHON COMPTE-GOUTTES**
[72] STUKAS, VIDAS, CA
[71] SEASTAR CHEMICALS INC., CA
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[41] 2004-06-27

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[13] A1
[51] **Int.Cl. 7E03C 1/04**
[25] EN
[54] **SPOUT CONVERTER**
[54] **CONVERTISSEUR DE BEC**
[72] OUYOUNG, SCOTT, XX
[71] GLOBE UNION INDUSTRIAL CORP., XX
[22] 2002-12-27
[41] 2004-06-27

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[21] **2,415,234**
[13] A1
[51] **Int.Cl. 7G01N 29/00**
[25] EN
[54] **ACOUSTIC PORTAL DETECTION SYSTEM**
[54] **PORTIQUE DE DETECTION ACOUSTIQUE**
[72] TARINI, ROBERT, US
[72] CURRAN, MICHAEL, US
[72] CAULFIELD, DAVID D., CA
[71] OCEAN DATA EQUIPMENT CORPORATION, US
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[13] A1
[51] **Int.Cl. 7A63B 27/02**
[25] EN
[54] **SAFETY CLIMBING DEVICE**
[54] **DISPOSITIF D'ESCALADE DE SECURITE**
[72] CASTILLOUX, JOHN, CA
[71] CASTILLOUX, JOHN, CA
[22] 2002-12-27
[41] 2004-06-27

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[13] A1
[51] **Int.Cl. 7H02N 2/18**
[25] EN
[54] **MANUAL POWER GENERATING DEVICE FOR HANDHELD ELECTRONIC UNIT**
[54] **DISPOSITIF MANUEL D'ALIMENTATION POUR APPAREIL ELECTRONIQUE PORTATIF**
[72] SHAH, REZA H., CA
[71] SHAH, REZA H., CA
[22] 2002-12-30
[41] 2004-06-30

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[13] A1
[51] **Int.Cl. 7G06F 1/00 7G06F 12/14**
[25] EN
[54] **SYSTEM FOR PERSISTENTLY ENCRYPTING CRITICAL SOFTWARE DATA TO CONTROL OPERATION OF AN EXECUTABLE SOFTWARE PROGRAM**
[54] **SYSTEME DE CRYPTAGE PERSISTANT DES DONNEES CRITIQUES DE LOGICIELS PERMETTANT DE COMMANDER L'EXECUTION D'UN PROGRAMME INFORMATIQUE**
[72] ALDIS, DAVID, CA
[72] RIEBE, HENNING, CA
[71] PROTEXIS INC., CA
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[41] 2004-06-30

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[21] **2,415,429**
[13] A1
[51] **Int.Cl. 7F42B 5/16**
[25] EN
[54] **COMPRESSED POWDER CHARGE FOR MUZZLELOADER AND BLACK POWDER FIREARMS**
[54] **CHARGE DE POUDRE COMPRIMEE POUR ARMES A FEU A POUDRE NOIRE ET A CHARGEMENT PAR LA BOUCHE**
[72] EPSTEIN, BRETT NEAL, US
[72] GRIESBACH, MARK ANDREW, US
[71] LEGEND PRODUCTS CORPORATION, US
[22] 2002-12-31
[41] 2004-06-30

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[51] **Int.Cl. 7H01B 17/38 7B23K 35/04 7G01R 1/06 7H01R 13/40**
[25] EN
[54] **FLEXIBLE COVER FOR PROTECTING WELDED ELECTRODE HOLDERS**
[54] **COUVERCLE SOUPLE DE PROTECTION DE PORTE-ELECTRODES SOUDES**
[72] MCTAVISH, DOUGLAS BRENT, CA
[72] METHERAL, ROBERT GORDON, CA
[71] MCTAVISH, DOUGLAS BRENT, CA
[71] METHERAL, ROBERT GORDON, CA
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[13] A1
[51] **Int.Cl. 7A61J 9/00 7A47G 19/22**
[25] EN
[54] **BABY SAFE FEEDER WITH INTEGRAL MESH BAG**
[54] **DISPOSITIF D'ALIMENTATION SECURITAIRE POUR BEBES AVEC SAC-FILET INTEGRE**
[72] BERRY, DONALD P., SR., US
[71] BERRY, DONALD P., SR., US
[22] 2002-12-30
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[13] A1
[51] **Int.Cl. 7B60C 17/04**
[25] EN
[54] **TIRE**
[54] **PNEU**
[72] HSU, SHUT CHEN, XX
[71] HSU, SHUT CHEN, XX
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[13] A1
[51] **Int.Cl. 7E04H 13/00**
[25] EN
[54] **METHOD TO STORE AND MEMORIA! 'ZE CREMATION ASHES**
[54] **METHODE D'ENTREPOSAGE ET DE COMMEMORATION DE CENDRES D'INCINERATION**
[72] BRAUN, DENIS HUGO, CH
[71] BRAUN, DENIS HUGO, CH
[22] 2002-12-30
[41] 2004-06-30

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[13] A1
[51] **Int.Cl. 7G06F 15/78**
[25] EN
[54] **EMBEDDABLE SINGLE BOARD COMPUTER**
[54] **ORDINATEUR MONOCARTE INTEGRABLE**
[72] SLUPSKY, STEVEN, CA
[71] AMC TECHNOLOGIES CORPORATION, CA
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[51] **Int.Cl. 7B65B 53/02**
[25] EN
[54] **SHRINK WRAP APPARATUS AND METHOD OF SHRINK WRAPPING PRODUCTS**
[54] **DISPOSITIF A EMBALLAGE MOULANT ET METHODE D'EMBALLAGE MOULANT DE PRODUITS**
[72] LIMOUSIN, JEAN-LOUIS, US
[71] LANTECH MANAGEMENT CORP. AND LANTECH HOLDING CORP. D.B.A. LANTECH.COM, US
[22] 2002-12-31
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[30] US (10/331,863) 2002-12-30

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[54] **JAW CRUSHER**
[54] **BROYEUR A MACHOIRES**
[72] HA, YONGGAN, CA
[71] HA, YONGGAN, CA
[22] 2003-01-03
[41] 2004-07-03

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[13] A1
[51] **Int.Cl. 7C08B 31/00 7C12P 19/04 7C12N 9/28**
[25] EN
[54] **A PROCESS FOR HYDROLYZING STARCH WITHOUT PH ADJUSTMENT**
[54] **METHODE D'HYDROLYSE DE L'AMIDON SANS REGULATION DU PH**
[72] SINGLEY, ERIC C., US
[72] STROHM, BRUCE A., US
[72] SHETTY, JAYARAMA K., US
[71] GENENCOR INTERNATIONAL, INC., US
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[51] **Int.Cl. 7C08B 31/00 7C12P 19/04 7C12N 9/28**
[25] EN
[54] **A PROCESS FOR HYDROLYZING STARCH WITHOUT PH ADJUSTMENT**
[54] **METHODE D'HYDROLYSE DE L'AMIDON SANS REGULATION DU PH**
[72] SHETTY, JAYARAMA K., US
[72] SINGLEY, ERIC C., US
[72] STROHM, BRUCE A., US
[71] GENENCOR INTERNATIONAL, INC., US
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[51] **Int.Cl. 7G09B 19/00 7G06F 19/00**
[25] EN
[54] **ENTERTAINMENT DEVICE**
[54] **DISPOSITIF DE DIVERTISSEMENT**
[72] KAVANA, JORDAN, US
[71] KAVANA, JORDAN, US
[22] 2002-12-31
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[25] EN
[54] **REFORMER FOR CONVERTING FUEL TO HYDROGEN**
[54] **REFORMEUR POUR LA CONVERSION DE COMBUSTIBLE EN HYDROGENE**
[72] RONG, XIAOYANG, CA
[72] CHEADLE, BRIAN E., CA
[71] LONG MANUFACTURING LTD., CA
[22] 2002-12-31
[41] 2004-06-30

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[13] A1
[51] **Int.Cl. 7B65B 69/00**
[25] EN
[54] **AN APPARATUS FOR REMOVING PLASTIC WRAPPING FILM FROM PALLETS OF PRODUCTS**
[54] **DISPOSITIF D'ENLEVEMENT DE FILM DE BANDEROLAGE DE PALETTES DE PRODUITS**
[72] CERE, MAURO, IT
[71] AETNA GROUP S.P.A., IT
[22] 2003-01-02
[41] 2004-07-02

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[13] A1
[51] **Int.Cl. 7B23K 35/24 7B23K 31/02**
[25] EN
[54] **HIGH STRENGTH STEEL WELD HAVING IMPROVED RESISTANCE TO COLD CRACKING AND A WELDING METHOD**
[54] **SOUDURE D'ACIER A HAUTE RESISTANCE ET A RESISTANCE AMELIOREE A LA FISSURATION A FROID ET METHODE DE SOUDAGE**
[72] TAKAHASHI, NOBUAKI, JP
[72] HAMADA, MASAHIKO, JP
[72] IKEDA, TOMOAKI, JP
[72] YAMAMOTO, AKIO, JP
[72] YAMAUCHI, SHIGEMICHI, JP
[71] SUMITOMO METAL INDUSTRIES, LTD., JP
[22] 2003-01-02
[41] 2004-07-02

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[51] **Int.Cl. 7H01R 4/36 7H01R 13/52**
[25] EN
[54] **SUBMERSIBLE ELECTRICAL SET-SCREW CONNECTOR**
[54] **CONNECTEUR ELECTRIQUE SUBMERSIBLE REGLABLE PAR VIS**
[72] KAINE, MICHEL, CA
[72] LANGELIER, JEAN, CA
[71] KAINE, MICHEL, CA
[71] LANGELIER, JEAN, CA
[22] 2002-12-27
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[51] **Int.Cl. 7G06F 17/00 7C07K 1/00 7G06F 17/10 7G06F 17/60**
[25] EN
[54] **PROTEIN THREADING BY LINEAR PROGRAMMING**
[54] **RECONNAISSANCE DE REPLIEMENT DE PROTEINES PAR PROGRAMMATION LINEAIRE**
[72] LI, MING, CA
[72] XU, JINBO, CA
[71] BIOINFORMATICS SOLUTIONS INC., CA
[22] 2003-01-02
[41] 2004-07-02

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[13] A1
[51] **Int.Cl. 7F16S 1/04 7F16S 3/00 7E04F 15/06 7A47L 23/22 7E04C 2/42**
[25] EN
[54] **COLD-STAMPED ANTI-SLIP PATTERN STRUCTURE OF A METAL SHEET**
[54] **STRUCTURE DE TOLE A MOTIF ANTIDERAPANT MATRICE A FROID**
[72] LI, CHING-PO, XX
[71] LI, CHING-PO, XX
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[13] A1
[51] **Int.Cl. 7B65B 35/32**
[25] EN
[54] **AUTOMATED SOLID PHARMACEUTICAL PRODUCT PACKAGING MACHINE WITH PARALLEL FILLING AND SEALING CAPABILITY**
[54] **MACHINE AUTOMATISEE D'EMBALLAGE DE PRODUITS PHARMACEUTIQUES SOLIDES DOTEE DE CAPACITES PARALLELES DE REMPLISSAGE ET DE SCELLEMENT**
[72] SIEGEL, TODD, US
[72] BAGLEY, STUART, US
[71] MEDICAL TECHNOLOGY SYSTEMS, INC., US
[22] 2003-01-03
[41] 2004-07-03

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[13] A1
[51] **Int.Cl. 7B32B 3/12 7B32B 27/00**
[25] EN
[54] **COMPOSITED PANEL, PREFERABLY OF PLASTIC, AND METHOD FOR ITS PRODUCTION**
[54] **PANNEAU COMPOSITE, DE PREFERENCE EN PLASTIQUE, ET METHODE DE PRODUCTION**
[72] SAATHOFF, WERNER, DE
[72] HARTL, HERMANN, DE
[71] INTERPLAST KUNSTSTOFFE GMBH, DE
[22] 2003-01-03
[41] 2004-07-03

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[13] A1
[51] **Int.Cl. 7E21B 23/00**
[25] EN
[54] **BACKPRESSURE ADAPTER PIN AND METHOD OF USE**
[54] **GOUPILLE D'ADAPTATEUR A CONTRE PRESSION, ET METHODE D'UTILISATION**
[72] DALLAS, MURRAY L., US
[71] DALLAS, MURRAY L., US
[22] 2003-01-03
[41] 2004-07-03

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[13] A1
[51] **Int.Cl. 7A63F 1/00**
[25] EN
[54] **THREE CARD 21 CARD GAME**
[54] **JEU DE CARTES 21 A TROIS CARTES**
[72] DAINES, SHIRLEY, CA
[71] CANADIAN (21) STOOK LTD., CA
[22] 2003-01-07
[41] 2004-06-30
[30] US (10/248,244) 2002-12-30

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[13] A1
[51] **Int.Cl. 7A46B 7/00**
[25] EN
[54] **MULTIPOSITION BRUSH**
[54] **BROSSE MULTIPOSITION**
[72] PRIMEAU, MARIO, CA
[71] LES PROMOTIONS ATLANTIQUES INC., CA
[22] 2003-01-02
[41] 2004-07-02

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[13] A1
[51] **Int.Cl. 7A47B 97/00 7G11B 33/00**
[25] EN
[54] **CASE-HOLDERS**
[54] **PORTE-BOITIERS**
[72] WHITE, MATTHEW, EDWARD, THOMAS, GB
[71] WHITE, MATTHEW, EDWARD, THOMAS, GB
[22] 2003-01-02
[41] 2004-07-02

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[21] **2,415,911**
[13] A1
[51] **Int.Cl. 7D21H 17/74 7D21H 21/14 7D21H 17/25 7D21H 17/68**
[25] EN
[54] **RETENTION AID ADDITIVES FOR PAPER MAKING**
[54] **ADDITIFS SEQUESTRANTS POUR LA FABRICATION DE PAPIER**
[72] SAVILLE, BRADLEY A., CA
[72] PELTON, ROBERT, CA
[71] SAVILLE, BRADLEY A., CA
[71] PELTON, ROBERT, CA
[22] 2003-01-02
[41] 2004-07-02

[21] **2,415,928**
[13] A1
[51] **Int.Cl. 7A01C 7/16 7A01C 7/20**
[25] EN
[54] **PIVOTING ARM FOR SEEDERS AND THE LIKE**
[54] **BRAS PIVOTANT POUR SEMOIRS ET AUTRES DU MEME GENRE**
[72] BEAUJOT, NORBERT, CA
[71] STRAW TRACK MANUFACTURING INC., CA
[22] 2003-01-02
[41] 2004-07-02

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[21] **2,418,291**
[13] A1
[51] **Int.Cl. 7B01D 61/08 7B01D 61/10 7B01D 35/30**
[25] EN
[54] **HIGH PRESSURE REVERSE OSMOSIS HOUSING**
[54] **LOGEMENT DE MEMBRANE A OSMOSE INVERSE HAUTE PRESSION**
[72] BOZZO, SANTO, CA
[71] NIMBUS WATER SYSTEMS (ONT. 1987) INC., CA
[22] 2003-02-04
[41] 2004-06-30
[30] US (10/331,803) 2002-12-30

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[21] **2,421,496**
[13] A1
[51] **Int.Cl. 7H05B 37/02 7H05B 41/38**
[25] EN
[54] **DISTRIBUTED DIMMABLE LIGHTING CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE COMMANDE REPARTIE D'ECLAIRAGE A GRADATION**
[72] CLOUTIER, SERGE, CA
[72] STRIMBEANU, GABRIEL-ADRIAN, CA
[71] UTC CANADA CORPORATION - MICRO THERMO TECHNOLOGIES DIVISION, CA
[22] 2003-03-10
[41] 2004-06-30
[30] US (10/331,779) 2002-12-31

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[21] **2,423,242**
[13] A1
[51] **Int.Cl. 7E04H 12/08 7E04H 12/22**
[25] EN
[54] **A SUPPORT POLE**
[54] **POTEAU SUPPORT**
[72] DAMIANO, ARMAND A., US
[71] VALMONT INDUSTRIES, INC., US
[22] 2003-03-20
[41] 2004-07-03
[30] US (10/336,873) 2003-01-03

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[21] **2,423,742**
[13] A1
[51] **Int.Cl. 7F16M 11/22 7A45B 25/00 7A45F 5/00**
[25] EN
[54] **THE SHADE BUDDY I**
[54] **DISPOSITIF « SHADE BUDDY I »**
[72] MALLETTE, PERCY CARL, CA
[71] MALLETTE, PERCY CARL, CA
[22] 2002-12-27
[41] 2004-06-27

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[21] **2,423,753**
[13] A1
[51] **Int.Cl. 7F16M 13/02 7A45B 25/00 7A45F 5/00**
[25] EN
[54] **THE SHADE BUDDY II**
[54] **DISPOSITIF « SHADE BUDDY II »**
[72] MALLETTE, PERCY CARL, CA
[71] MALLETTE, PERCY CARL, CA
[22] 2002-12-27
[41] 2004-06-27

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[21] **2,424,043**
[13] A1
[51] **Int.Cl. 7B05C 17/02**
[25] EN
[54] **PAINT ROLLER**
[54] **ROULEAU A PEINTURE**
[72] D'AMBROSIO, SANDRO, CA
[71] D'AMBROSIO, SANDRO, CA
[22] 2003-03-28
[41] 2004-06-30
[30] US (10/335,172) 2002-12-31

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[21] **2,427,780**
[13] A1
[51] **Int.Cl. 7E01C 23/09**
[25] EN
[54] **SYSTEMS AND METHODS FOR MILLING PAVING MATERIAL WITH INCREASED STABILITY, SUPPORT, AND POWER**
[54] **SYSTEME ET METHODE DE BROYAGE DE MATERIAUX ROUTIERS AVEC STABILITE, SUPPORT ET PUISSANCE ACCRUS**
[72] NIX, JEREMY K., US
[72] HAROLDSEN, J. TRON, US
[71] ASPHALT ZIPPER, US
[22] 2003-05-02
[41] 2004-07-03
[30] US (10/336,289) 2003-01-03

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[21] **2,429,423**
[13] A1
[51] **Int.Cl. 7B62J 17/00 7A41D 13/00**
[25] EN
[54] **GARMENT FOR OCCUPANTS OF PERSONAL RECREATIONAL VEHICLES**
[54] **VETEMENT POUR OCCUPANTS DE VEHICULES DE LOISIR PERSONNELS**
[72] MCKINNEY, SCOTT, US
[71] MCKINNEY, SCOTT, US
[22] 2003-05-23
[41] 2004-07-02
[30] US (10/336,361) 2003-01-02

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[21] **2,430,534**
[13] A1
[51] **Int.Cl. 7A47G 1/06**
[25] EN
[54] **DISPLAY ASSEMBLY HAVING A PLURALITY OF HOLLOW WEDGE-SHAPED FRAMES**
[54] **PRESENTOIR COMPRENANT PLUSIEURS CADRES CREUX EN FORME DE BISEAU**
[72] IVANKOVIC, MICHELLE, CA
[71] UMBRA INC., US
[22] 2003-05-30
[41] 2004-07-03
[30] US (10/336,096) 2003-01-03

[21] **2,430,569**
[13] A1
[51] **Int.Cl. 7F21V 17/10**
[25] EN
[54] **DO-IT-YOURSELF LAMP CONNECTING STRUCTURE**
[54] **STRUCTURE DE MONTAGE DE LAMPE PAR L'UTILISATEUR**
[72] WU, WEN-CHANG, XX
[71] WU, WEN-CHANG, XX
[22] 2003-05-30
[41] 2004-06-27
[30] US (10/329,454) 2002-12-27

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[21] **2,432,106**
[13] A1
[51] **Int.Cl. 7B65D 83/08 7A61L 9/00 7A61L 9/01 7A47K 10/42**
[25] EN
[54] **DISPOSABLE DISPENSER WITH FRAGRANCE DELIVERY SYSTEM**
[54] **DISTRIBUTEUR JETABLE A SYSTEME DIFFUSEUR DE PARFUM**
[72] MITCHELL, JOSEPH, US
[72] WELCHEL, DEBRA NELL, US
[72] WOLKOWICZ, RICHARD IGNATIUS, US
[72] YANG, NING, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[22] 2003-06-12
[41] 2004-06-30
[30] US (10/334,757) 2002-12-31

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[21] **2,432,449**
[13] A1
[51] **Int.Cl. 7B05B 15/12 7A45D 44/00 7A45D 34/04 7A61K 7/40 7A61K 7/42**
[25] EN
[54] **AUTOMATED SYSTEM FOR COATING THE HUMAN BODY: VIRTUAL MOTION**
[54] **SYSTEME AUTOMATISE POUR LE REVETEMENT DU CORPS HUMAIN : MOUVEMENT VIRTUEL**
[72] LAUGHLIN, THOMAS J., US
[71] LAUGHLIN PRODUCTS, INC., US
[22] 2003-06-16
[41] 2004-06-30
[30] US (10/335,399) 2002-12-31

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[21] **2,435,353**
[13] A1
[51] **Int.Cl. 7G09F 9/30 7G09F 7/18**
[25] EN
[54] **DYNAMIC MESSAGING SIGN**
[54] **PANNEAU D'AFFICHAGE DYNAMIQUE**
[72] VOLONCHINE, VLADIMIR A., CA
[72] POON, RAYMOND SIU MING, CA
[72] WONG, COEMAN LAM SANG, CA
[72] SAFAVI, RAMIN, CA
[71] MARK IV INDUSTRIES LIMITED, CA
[22] 2003-07-16
[41] 2004-06-30
[30] US (60/437,029) 2002-12-31

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[21] **2,437,487**
[13] A1
[51] **Int.Cl. 7G06K 17/00 7G06K 13/00**
[25] EN
[54] **DEVICE FOR PROCESSING CARD-SHAPED INFORMATION CARRIERS, SUCH AS CHEQUE CARDS, CREDIT CARDS, ID CARDS OR SIMILAR CARDS**
[54] **DISPOSITIF DE TRAITEMENT DES SUPPORTS D'INFORMATION EN FORME DE CARTES, COMME LES CARTES DE CHEQUE, LES CARTES DE CREDIT, LES CARTES D'IDENTITE OU D'AUTRES CARTES SEMBLABLES**
[72] BERNDTSSON, ANDERS, SE
[71] ATLANTIC ZEISER GMBH, DE
[22] 2003-08-18
[41] 2004-06-30
[30] DE (102 61 472.5) 2002-12-31

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[21] **2,437,488**
[13] A1
[51] **Int.Cl. 7F24C 7/02**
[25] EN
[54] **COOKING CHAMBER ASSEMBLY IN MICROWAVE OVEN**
[54] **CHAMBRE DE CUISSON POUR FOUR MICRO-ONDES**
[72] LEE, DUCK GIL, KR
[72] LEE, SANG RYUL, KR
[71] LG ELECTRONICS INC., KR
[22] 2003-08-18
[41] 2004-06-27
[30] KR (P2002-0085106) 2002-12-27
[30] KR (P2002-0086907) 2002-12-30

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[21] **2,438,900**
[13] A1
[51] **Int.Cl. 7B32B 11/12 7D06N 7/00 7E04D 1/12 7B32B 31/18**
[25] EN
[54] **SHINGLE WITH A RENDERED SHADOW**
[54] **BARDEAU A EFFET D'OMBRAGE**
[72] ELLIOTT, BERT W., US
[72] PHILLIPS, JOHN D., US
[71] OWENS CORNING, US
[22] 2003-08-27
[41] 2004-06-30
[30] US (10/335,031) 2002-12-31

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[21] **2,438,964**
[13] A1
[51] **Int.Cl. 7B32B 11/02 7E04D 7/00 7D06N 5/00 7E04D 5/12 7B32B 27/36**
[25] EN
[54] **STORM RESISTANT ROOFING MATERIAL**
[54] **MATERIAU DE COUVERTURE RESISTANT AUX ORAGES**
[72] MILLER, CARLA A., US
[72] GREAVES, GERALD G., US
[71] OWENS CORNING, US
[22] 2003-08-29
[41] 2004-06-30
[30] US (10/335,050) 2002-12-31

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[21] **2,438,968**
[13] A1
[51] **Int.Cl. 7E04D 1/28**
[25] EN
[54] **SHINGLE WITH A RENDERED SHADOW DESIGN**
[54] **BARDEAU A CONCEPTION AVEC EFFET D'OMBRAGE**
[72] ELLIOTT, BERT W., US
[72] ASCHENBECK, DAVID P., US
[71] OWENS CORNING, US
[22] 2003-08-29
[41] 2004-06-30
[30] US (10/334,356) 2002-12-31

[21] **2,441,449**
[13] A1
[51] **Int.Cl. 7G01V 3/30 7G01V 3/38**
[25] EN
[54] **SYSTEM AND METHOD FOR LOCATING A FRACTURE IN AN EARTH FORMATION**
[54] **SYSTEME ET METHODE DE REPERAGE D'UNE FRACTURE DANS UNE FORMATION TERRESTRE**
[72] OMERAGIC, DZEVAT, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2003-09-18
[41] 2004-06-30
[30] US (10/335608) 2002-12-31

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[21] **2,444,544**
[13] A1
[51] **Int.Cl. 7B01D 61/08 7B01D 35/30 7C02F 1/44**
[25] EN
[54] **WATER TREATMENT APPARATUS**
[54] **APPAREIL DE TRAITEMENT DE L'EAU**
[72] CARLOTTO, FRANCO, IT
[71] CARLOTTO, FRANCO, IT
[22] 2003-10-10
[41] 2004-07-03
[30] IT (VI2003U000002) 2003-01-03

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[21] **2,445,221**
[13] A1
[51] **Int.Cl. 7H04B 10/20 7H04L 12/24**
[25] EN
[54] **METHOD OF CONTROLLING LOOP-BACK PROCESS IN ETHERNET PASSIVE OPTICAL NETWORK**
[54] **METHODE DE COMMANDE D'UN PROCESSUS DE BOUCLAGE DANS UN RESEAU OPTIQUE PASSIF ETHERNET**
[72] LIM, SE-YOUN, KR
[72] OH, HO-IL, KR
[72] LEE, MIN-HYO, KR
[72] KIM, JIN-HEE, KR
[72] SONG, JAE-YEON, KR
[72] KIM, SU-HYUNG, KR
[72] KIM, A-JUNG, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2003-10-16
[41] 2004-07-02
[30] JP (145/2003) 2003-01-02

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[21] **2,445,810**
[13] A1
[51] **Int.Cl. 7A01G 9/12**
[25] EN
[54] **PLANT SUPPORT STRUCTURE**
[54] **STRUCTURE DE SUPPORT DE VEGETAUX**
[72] LAROCHE, ROBERT, CA
[71] LAROCHE, ROBERT, CA
[22] 2003-10-21
[41] 2004-06-30
[30] US (10/661,442) 2003-09-15

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[21] **2,446,470**
[13] A1
[51] **Int.Cl. 7G03B 21/30 7G03B 21/16**
[25] EN
[54] **A TELESCOPICALLY COLLAPSING IMAGE PROJECTOR**
[54] **APPAREIL DE PROJECTION FIXE A CONTRACTION TELESCOPIQUE**
[72] CARKNER, STEVEN, CA
[71] CARKNER, STEVEN, CA
[22] 2003-10-23
[41] 2004-06-30
[30] US (10/331,097) 2002-12-30

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[21] **2,447,349**
[13] A1
[51] **Int.Cl. 7A47L 9/16 7A47L 9/00**
[25] EN
[54] **FIXING DEVICE FOR ATTACHING/DETACHING DUST RECEPTACLE OF CYCLONE-TYPE VACUUM CLEANER AND VACUUM CLEANER HAVING THE SAME**
[54] **DISPOSITIF DE FIXATION POUR ATTACHER/DETACHER UN CONTENANT A POUSSIERE D'UN ASPIRATEUR A CYCLONE ET ASPIRATEUR AINSI EQUIPE**
[72] LEE, YONG-HEE, KR
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR
[22] 2003-10-30
[41] 2004-06-30
[30] KR (2002-88130) 2002-12-31

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[21] **2,447,352**
[13] A1
[51] **Int.Cl. 7A61K 35/84 7A23L 1/00 7A61P 35/00**
[25] EN
[54] **CANCER PREVENTIVE AGENT AND FOOD**
[54] **AGENT ET ALIMENT POUR LA PREVENTION DU CANCER**
[72] MATSUNAGA, KENICHI, JP
[71] KUREHA CHEMICAL INDUSTRY COMPANY, LIMITED, JP
[22] 2003-10-30
[41] 2004-06-27
[30] JP (2002-381275) 2002-12-27

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[21] **2,447,378**
[13] A1
[51] **Int.Cl. 7A61K 35/84 7A23L 1/28**
[25] EN
[54] **INFECTION PREVENTIVE OR THERAPEUTIC AGENT AND FOOD**
[54] **AGENT ET ALIMENT THERAPEUTIQUES OU POUR PREVENIR LES INFECTIONS**
[72] SUZUKI, TATSUO, JP
[72] MATSUNAGA, KENICHI, JP
[71] KUREHA CHEMICAL INDUSTRY COMPANY, LIMITED, JP
[22] 2003-10-30
[41] 2004-06-27
[30] JP (2002-381274) 2002-12-27

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[21] **2,447,767**
[13] A1
[51] **Int.Cl. 7H04L 12/16 7H04L 12/12**
[25] EN
[54] **DISTRIBUTED SERVICES BASED ON PRESENCE TECHNOLOGY**
[54] **SERVICES REPARTIS FONDES SUR UNE TECHNOLOGIE DE PRESENCE**
[72] WEISENBERG, DOUGLAS S., US
[72] JANNING, WILLIAM, US
[72] MCKINNON, STEVE J., US
[71] NORTEL NETWORKS LIMITED, CA
[22] 2003-10-31
[41] 2004-07-03
[30] US (10/336,523) 2003-01-03

[21] **2,448,851**
[13] A1
[51] **Int.Cl. 7A24B 15/16 7A24B 15/00 7A24B 15/10**
[25] EN
[54] **NONTOBACCO MOIST SNUFF COMPOSITION**
[54] **COMPOSITION A PRISER HUMIDE SANS TABAC**
[72] CALANDRO, DANIEL., US
[72] ACKILLI, JOSEPH, US
[72] TOPALIAN, HARRY, US
[71] SMOKEY MOUNTAIN CHEW, INC., US
[22] 2003-11-10
[41] 2004-06-30
[30] US (10/334,327) 2002-12-31

[21] **2,449,848**
[13] A1
[51] **Int.Cl. 7D21D 1/32**
[25] EN
[54] **PROCESS FOR SINGULATING CELLULOSE FIBERS FROM A WET PULP SHEET**
[54] **PROCEDE DE SEPARATION DES FIBRES CELLULOSIQUES DES FEUILLES DE PATE HUMIDE**
[72] CRANE, RAY, US
[72] JOHNSON, NORDAHL K., US
[71] WEYERHAEUSER COMPANY, US
[22] 2003-11-18
[41] 2004-07-02
[30] US (10/336,366) 2003-01-02

[21] **2,450,591**
[13] A1
[51] **Int.Cl. 7B25F 1/00 7B25B 21/00 7B25B 31/00**
[25] EN
[54] **MULTIPLE PURPOSE TOOL**
[54] **OUTIL POLYVALENT**
[72] STORZ, BOB, CA
[72] KELLER, JIM, CA
[72] CLARKE, GARY RICHARD, CA
[71] STORZ, BOB, CA
[71] KELLER, JIM, CA
[71] CLARKE, GARY RICHARD, CA
[22] 2003-11-25
[41] 2004-07-03
[30] US (60/437,737) 2003-01-03

[21] **2,450,966**
[13] A1
[51] **Int.Cl. 7A63F 5/00 7A63F 5/04 7A63F 9/04**
[25] EN
[54] **COMBINATION CRAPS AND ROULETTE GAME**
[54] **JEU DE CRAPS ET DE ROULETTE COMBINE**
[72] PORTO, MICHAEL, G. (AKA GUY MICHAELS), US
[71] PORTO, MICHAEL, G. (AKA GUY MICHAELS), US
[22] 2003-11-27
[41] 2004-06-30
[30] US (10/331,744) 2002-12-30

[21] **2,451,456**
[13] A1
[51] **Int.Cl. 7H02G 3/14 7H02G 3/18**
[25] EN
[54] **WATER RESISTANT ELECTRICAL FLOOR BOX COVER ASSEMBLY**
[54] **ENSEMBLE DE COUVERCLE RESISTANT A L'EAU POUR BOITE ELECTRIQUE DE PLANCHER**
[72] DRANE, MARK R., US
[72] DINH, CONG THANH, US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2003-11-28
[41] 2004-06-30
[30] US (10/335,230) 2002-12-31

[21] **2,451,588**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7C12Q 1/68 7C07K 14/705**
[25] EN
[54] **PROTEIN HAVING ACTIVE SULFATE TRANSPORTER ACTIVITY AND METHOD FOR DETECTING CANCERATION OF TISSUE**
[54] **PROTEINE AYANT UNE ACTIVITE DE TRANSPORT DE SULFATE ACTIF ET METHODE POUR DETECTER LA CANCERISATION DE TISSUS**
[72] KIKUCHI, NORIHIRO, JP
[72] KAMIYAMA, SHIN, JP
[72] NARIMATSU, HISASHI, JP
[72] NISHIHARA, SHOKO, JP
[71] SEIKAGAKU CORPORATION, JP
[71] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
[22] 2003-12-29
[41] 2004-06-27
[30] JP (2002-382123) 2002-12-27

[21] **2,451,783**
[13] A1
[51] **Int.Cl. 7A45B 11/00**
[25] EN
[54] **MOBILE UMBRELLA SUPPORT**
[54] **SUPPORT MOBILE DE PARASOL**
[72] RIZK, BENOIT, CA
[71] RIZK, BENOIT, CA
[22] 2003-12-29
[41] 2004-06-27
[30] US (60/436,583) 2002-12-27

[21] **2,451,875**
[13] A1
[51] **Int.Cl. 7H04L 12/54 7G06F 9/44**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVED CLIENT SERVER COMMUNICATIONS OF EMAIL MESSAGES**
[54] **SYSTEME ET METHODE DE COMMUNICATIONS AMELIOREES DU SERVEUR DES ABONNES AUX MESSAGES DE COURRIEL**
[72] NOVITSKEY, ROBERT R., US
[72] POWER, BRENDAN, US
[72] HARTWELL, AARON, US
[72] GRAY, RONALD E., US
[72] BONILLA, NICOLE A., US
[72] CURTIS, BRENT, US
[72] LEMARCHAND, REMI A., US
[72] WARREN JOSEPH R., US
[72] FROELICH, KARL, US
[71] MICROSOFT CORPORATION, US
[22] 2003-12-02
[41] 2004-07-03
[30] US (60/437,869) 2003-01-03
[30] US (10/366,972) 2003-02-14

[21] **2,452,017**
[13] A1
[51] **Int.Cl. 7H04N 7/15 7H04M 11/00**
[25] EN
[54] **WIRELESS MOTION SENSOR USING INFRARED ILLUMINATOR AND CAMERA INTEGRATED WITH WIRELESS TELEPHONE**
[54] **DETECTEUR DE MOUVEMENT SANS FIL FAISANT APPEL A UN ILLUMINATEUR INFRAROUGE ET A UNE CAMERA INTEGRES A UN TELEPHONE SANS FIL**
[72] RYLEY, GORDON, CA
[72] TISCHLER, RALPH, CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-04
[41] 2004-07-03
[30] US (60/437,745) 2003-01-03
[30] US (10/395,153) 2003-03-25

[21] **2,452,185**
[13] A1
[51] **Int.Cl. 7A61J 1/00 7B29C 45/00 7B29D 31/00 7A61L 31/04 7A61L 31/16**
[25] EN
[54] **METHOD AND APPARATUS FOR PRESERVING URINE SPECIMENS AT ROOM TEMPERATURE**
[54] **METHODE ET DISPOSITIF POUR CONSERVER DES ECHANTILLONS D'URINE A LA TEMPERATURE DE LA PIECE**
[72] LEAMAN, DONALD H., JR., US
[71] STOCKWELL SCIENTIFIC, INC., US
[22] 2003-12-05
[41] 2004-06-30
[30] US (10/335,456) 2002-12-31

[21] **2,452,275**
[13] A1
[51] **Int.Cl. 7H04M 11/06 7H04M 1/725**
[25] EN
[54] **METHODS AND SYSTEMS OF SHARING MUTUAL RESOURCES BETWEEN AN EXTERNAL DEVICE AND A CORDLESS TELEPHONE VIA A COMMUNICATIONS MEDIUM**
[54] **METHODES ET SYSTEMES DE PARTAGE DE RESSOURCES COMMUNES ENTRE UN DISPOSITIF EXTERNE ET UN TELEPHONE SANS FIL PAR MOYEN DE COMMUNICATIONS**
[72] CHARNEY, DOUGLAS, CA
[72] ALVARADO, DOUGLAS, CA
[72] ROGALSKI, GARY, CA
[72] TISCHLER, RALPH, CA
[71] VTECH TELECOMMUNICATIONS LIMITED, HK
[22] 2003-12-04
[41] 2004-07-03
[30] US (60/437,744) 2003-01-03
[30] US (10/401,794) 2003-03-31

[21] **2,452,411**
[13] A1
[51] **Int.Cl. 7A01B 43/00**
[25] EN
[54] **ROCK AND ROOT PULLER**
[54] **EXTRACTEUR DE ROCHES ET DE RACINES**
[72] L'ECUYER, NORMAND, CA
[71] L'ECUYER, NORMAND, CA
[22] 2003-12-29
[41] 2004-06-27
[30] US (60/436,584) 2002-12-27

[21] **2,452,415**
[13] A1
[51] **Int.Cl. 7F04D 29/00 7F04D 25/08 7F04D 29/38**
[25] EN
[54] **COVER FOR CEILING FAN BLADES AND MOTOR HOUSING**
[54] **CAPOT POUR PALES DE VENTILATEUR DE PLAFOND ET BOITIER DU MOTEUR**
[72] BEAVEN, DARLENE, CA
[71] BEAVEN, DARLENE, CA
[22] 2003-12-29
[41] 2004-06-27
[30] US (60/436,585) 2002-12-27

[21] **2,452,527**
[13] A1
[51] **Int.Cl. 7H04L 12/54 7H04L 1/00**
[25] EN
[54] **METHOD FOR STREAMING DATA BETWEEN A SERVER AND A CLIENT**
[54] **METHODE DE TRANSMISSION PAR FLOTS DE DONNEES ENTRE UN SERVEUR ET UN ABONNE**
[72] WARREN, JOSEPH R., US
[72] ZHONG, MIN, US
[72] FROELICH, KARL, US
[72] BONILLA, NICOLE A., US
[72] NOVITSKEY, ROBERT R., US
[72] HARTWELL, AARON, US
[72] DUN, ALEC, US
[72] GRAY, RONALD ERIC, US
[72] POWER, BRENDAN, US
[72] GODDARD, STEVEN F., US
[71] MICROSOFT CORPORATION, US
[22] 2003-12-08
[41] 2004-07-03
[30] US (60/437,869) 2003-01-03
[30] US (10/367,161) 2003-02-14

[21] **2,452,737**
[13] A1
[51] **Int.Cl. 7C08L 75/04 7C08K 5/02 7C08J 9/228 7C08G 18/32 7C08G 18/72**
[25] EN
[54] **BLOWING AGENT BLENDS**
[54] **MELANGES D'AGENT GONFLANT POUR MOUSSE**
[72] BERTELO, CHRISTOPHER A., US
[72] GALATON, STEVEN M., US
[71] ATOFINA CHEMICALS, INC., US
[22] 2003-12-09
[41] 2004-07-02
[30] US (10/336,368) 2003-01-02
[30] US (10/396,747) 2003-03-25

[21] **2,452,822**
[13] A1
[51] **Int.Cl. 7A47L 9/00**
[25] EN
[54] **MULTI-STEPPED APPLIANCE ACCESSORY HOLDER**
[54] **PORTE-ACCESSOIRES D'APPAREIL A RACCORDEMENTS GRADUELS**
[72] HOLSTEN, STUART V., US
[72] MARTIN, MICHAEL F., US
[72] TOMASIAK, MARK J., US
[71] EMERSON ELECTRIC CO., US
[22] 2003-12-10
[41] 2004-06-27
[30] US (60/319,815) 2002-12-27
[30] US (10/249,348) 2003-04-02

[21] **2,452,916**
[13] A1
[51] **Int.Cl. 7H04L 12/54 7H04L 12/24**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVED SERVER AND A CLIENT**
[54] **SYSTEME ET METHODE DE COMMUNICATIONS AMELIOREES ENTRE UN SERVEUR ET UN ABONNE**
[72] BONILLA, NICOLE A., US
[72] NOVITSKEY, ROBERT R., US
[72] WARREN, JOSEPH R., US
[72] FROELICH, KARL, US
[72] LEMARCHAND, REMI A., US
[72] CURTIS, BRENT, US
[72] GRAY, RONALD E., US
[72] POWER, BRENDAN, US
[72] HARTWELL, AARON, US
[71] MICROSOFT CORPORATION, US
[22] 2003-12-12
[41] 2004-07-03
[30] US (10/367,273) 2003-02-14
[30] US (60/437,869) 2003-01-03

[21] **2,452,944**
[13] A1
[51] **Int.Cl. 7D21H 11/00**
[25] EN
[54] **USE OF THINNINGS AND OTHER LOW SPECIFIC GRAVITY WOOD FOR LYOCELL PRODUCTS**
[54] **UTILISATION DE PLANTS D'ECLAIRCISSAGE ET D'AUTRE BOIS DE FAIBLE DENSITE POUR PRODUIRE DES FIBRES LYOCELL**
[72] LUO, MENGKUI, US
[72] PERSINGER, W. HARVEY JR., US
[72] ROBARGE, KENT, US
[72] SEALEY, JAMES E., II, US
[71] WEYERHAEUSER COMPANY, US
[22] 2003-12-12
[41] 2004-07-02
[30] US (10/336,393) 2003-01-02

[21] **2,452,978**
[13] A1
[51] **Int.Cl. 7H01M 8/24 7H01M 8/04**
[25] EN
[54] **FUEL CELL MODULE, COMBINED CYCLE POWER SYSTEM, AND POWER GENERATION METHOD**
[54] **MODULE DE PILES A COMBUSTIBLE, SYSTEME DE PRODUCTION D'ELECTRICITE PAR CYCLE COMBINE, ET METHODE DE PRODUCTION D'ELECTRICITE**
[72] SANDERSON, SIMON RALPH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-12-11
[41] 2004-06-27
[30] US (10/330,748) 2002-12-27

[21] **2,453,026**
[13] A1
[51] **Int.Cl. 7B23P 6/00 7B23P 15/00 7F01D 25/24**
[25] EN
[54] **METHODS FOR REPLACING PORTIONS OF TURBINE SHROUD SUPPORTS**
[54] **METHODES DE REMPLACEMENT DE PARTIES DE SUPPORTS D'ENVELOPPE DE TURBINE**
[72] STEPLEWSKI, MAREK, US
[72] GUPTA, BHUPENDRA K., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-12-11
[41] 2004-06-27
[30] US (10/330,420) 2002-12-27

[21] **2,453,036**
[13] A1
[51] **Int.Cl. 7B60B 33/00**
[25] EN
[54] **INDEPENDENTLY ROTATABLE, SPLIT TREAD, SINGLE WHEEL ASSEMBLY**
[54] **ROUE SIMPLE A BANDE DE ROULEMENT ET A ROTATION INDEPENDANTE**
[72] AUBIN, PHILIP A., US
[71] AUBIN INDUSTRIES, INC., US
[22] 2003-12-11
[41] 2004-06-30
[30] US (10/335,463) 2002-12-31

[21] **2,453,085**
[13] A1
[51] **Int.Cl. 7F02M 21/02 7F02B 43/00 7B60K 15/00**
[25] EN
[54] **A SYSTEM AND METHOD FOR FEEDING LPG BY INJECTION FOR AN INTERNAL COMBUSTION ENGINE**
[54] **SYSTEME ET METHODE D'ALIMENTATION DE GPL PAR INJECTION POUR MOTEUR A COMBUSTION INTERNE**
[72] DE MICHELE, ONOFRIO, IT
[72] AMORESE, CLAUDIO, IT
[72] RICCO, MARIO, IT
[72] DE MATTHAEIS, SISTO LUIGI, IT
[71] C.R.F. SOCIETA CONSORTILE PER AZIONI, IT
[22] 2003-12-16
[41] 2004-06-30
[30] IT (TO2002A001136) 2002-12-31

[21] **2,453,152**
[13] A1
[51] **Int.Cl. 7A47B 27/00 7A47B 3/00 7A47B 3/10**
[25] EN
[54] **PORTABLE EXPANDABLE PROJECT TABLE**
[54] **TABLE EXTENSIBLE PORTATIVE POUR PLANS DE PROJET**
[72] BUTTS, KENNETH E., JR., US
[71] BUTTS, KENNETH E., JR., US
[22] 2003-12-15
[41] 2004-06-27
[30] US (10/330,868) 2002-12-27

[21] **2,453,213**
[13] A1
[51] **Int.Cl. 7A61F 2/08 7A61F 2/30 7A61L 27/34 7A61F 2/44**
[25] EN
[54] **PROSTHETIC FACET JOINT LIGAMENT**
[54] **LIGAMENT, ARTICULATION ET FACETTE PROTHETIQUES**
[72] SERHAN, HASSAN A., US
[72] GRACIA, MARK, US
[72] DOORIS, ANDREW, US
[71] DEPUY ACROMED, INC., US
[22] 2003-12-16
[41] 2004-06-30
[30] US (10/334,601) 2002-12-31

[21] **2,453,241**
[13] A1
[51] **Int.Cl. 7D21C 3/00 7D21H 11/00**
[25] EN
[54] **USE OF THINNINGS AND OTHER LOW SPECIFIC GRAVITY WOOD FOR LYOCELL PULPS METHOD**
[54] **UTILISATION DE PLANTS D'ECLAIRCISSAGE ET D'AUTRE BOIS DE FAIBLE DENSITE DANS UNE METHODE DE PRODUCTION DE PATES A BASE DE FIBRES LYOCELL**
[72] ROBARGE, KENT, US
[72] SEALEY, JAMES E., II, US
[72] PERSINGER, W. HARVEY JR., US
[72] LUO, MENGKUI, US
[71] WEYERHAEUSER COMPANY, US
[22] 2003-12-12
[41] 2004-07-02
[30] US (10/336,365) 2003-01-02

[21] **2,453,246**
[13] A1
[51] **Int.Cl. 7D21C 3/20 7D21C 11/00**
[25] EN
[54] **USE OF THINNINGS AND OTHER LOW SPECIFIC GRAVITY WOOD FOR LYOCELL PRODUCTS METHOD**
[54] **UTILISATION DE PLANTS D'ECLAIRCISSAGE ET D'AUTRE BOIS DE FAIBLE DENSITE DANS UNE METHODE DE PRODUCTION DE FIBRES LYOCELL**
[72] LUO, MENGKUI, US
[72] ROBARGE, KENT, US
[72] PERSINGER, W. HARVEY JR., US
[72] SEALEY, JAMES E., II, US
[71] WEYERHAEUSER COMPANY, US
[22] 2003-12-12
[41] 2004-07-02
[30] US (10/336,320) 2003-01-02

[21] **2,453,276**
[13] A1
[51] **Int.Cl. 7D21H 11/00**
[25] EN
[54] **USE OF THINNINGS AND OTHER LOW SPECIFIC GRAVITY WOOD FOR LYOCELL PULPS**
[54] **UTILISATION DE PLANTS D'ECLAIRCISSAGE ET D'AUTRE BOIS DE FAIBLE DENSITE POUR PRODUIRE DES PATES A BASE DE FIBRES DE LYOCELL**
[72] PERSINGER, W. HARVEY JR., US
[72] SEALEY, JAMES E., II, US
[72] ROBARGE, KENT, US
[72] LUO, MENGKUI, US
[71] WEYERHAEUSER COMPANY, US
[22] 2003-12-12
[41] 2004-07-02
[30] US (10/336,389) 2003-01-02

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[21] **2,453,588**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 17/18**
[25] EN
[54] **PERSONALISED PROFILE UPDATE**
[54] **MISE A JOUR DE PROFIL PERSONNALISE**
[72] THINT, MARCUS, US
[72] CASE, SIMON J., GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[22] 2003-12-16
[41] 2004-06-30
[30] US (10/334,117) 2002-12-31

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[21] **2,453,634**
[13] A1
[51] **Int.Cl. 7F02C 3/04**
[25] EN
[54] **TURBO RECUPERATOR DEVICE**
[54] **DISPOSITIF RECUPERATEUR DE TURBINE**
[72] BUNKER, RONALD SCOTT, US
[72] BALAN, CHELLAPPA, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-12-18
[41] 2004-06-30
[30] US (10/331,342) 2002-12-31

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[21] **2,453,695**
[13] A1
[51] **Int.Cl. 7G11C 7/10 7G11C 8/18 7G11C 7/20**
[25] EN
[54] **SEMICONDUCTOR MEMORY DEVICE AND MOUNT-TYPE SEMICONDUCTOR DEVICE**
[54] **DISPOSITIF MEMOIRE A SEMI-CONDUCTEURS ET DISPOSITIF A SEMI-CONDUCTEURS A MONTER**
[72] ISHIKAWA, HISASHI, JP
[71] NEC CORPORATION, JP
[22] 2003-12-17
[41] 2004-06-27
[30] JP (2002-382326) 2002-12-27

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[21] **2,453,735**
[13] A1
[51] **Int.Cl. 7B23Q 3/00**
[25] EN
[54] **TOOLING APPARATUS**
[54] **MACHINE-OUTIL**
[72] AHTI, ROBERT ALLAN, US
[72] ELMAN, LARISA ALEXANDRA, US
[72] DUPUIS, CHRISTIAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-12-18
[41] 2004-06-30
[30] US (60/437,497) 2002-12-30
[30] US (60/437,238) 2002-12-30
[30] US (60/437,236) 2002-12-30
[30] US (10/370,868) 2003-02-20

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[21] **2,453,758**
[13] A1
[51] **Int.Cl. 7G07F 17/32 7F16M 11/00**
[25] EN
[54] **GAMING MACHINE SUPPORT STAND**
[54] **SUPPORT POUR MACHINE DE JEUX**
[72] GRONDINES, ALAIN, CA
[72] BOUCHER, CHRISTIANE, CA
[72] GARCEAU, ROGER, CA
[71] SOCIETE DES LOTERIES VIDEO DU QUEBEC, CA
[22] 2003-12-19
[41] 2004-07-02
[30] US (60/437,448) 2003-01-02

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[21] **2,453,759**
[13] A1
[51] **Int.Cl. 7B23P 23/00**
[25] EN
[54] **MANUFACTURING CELL USING TOOLING APPARATUS**
[54] **CELLULE DE FABRICATION A OUTILLAGE**
[72] DUPUIS, CHRISTIAN, US
[72] ELMAN, LARISA ALEXANDRA, US
[72] AHTI, ROBERT ALLAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-12-18
[41] 2004-06-30
[30] US (60/437,236) 2002-12-30
[30] US (60/437,497) 2002-12-30
[30] US (60/437,238) 2002-12-30
[30] US (10/370,960) 2003-02-20

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[21] **2,453,766**
[13] A1
[51] **Int.Cl. 7G06K 7/10**
[25] EN
[54] **BAR CODE READER STAND**
[54] **SUPPORT POUR LECTEUR DE CODES A BARRES**
[72] BOUCHER, CHRISTIANE, CA
[72] GRONDINES, ALAIN, CA
[72] GARCEAU, ROGER, CA
[71] SOCIETE DES LOTERIES VIDEO DU QUEBEC, CA
[22] 2003-12-19
[41] 2004-07-02
[30] US (60/437,449) 2003-01-02

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[21] **2,453,768**
[13] A1
[51] **Int.Cl. 7E21B 7/20**
[25] EN
[54] **DRILLING WITH CONCENTRIC STRINGS OF CASING**
[54] **FORAGE A COLONNES DE TUBAGE CONCENTRIQUES**
[72] GALLOWAY, GREGORY G., US
[72] BRUNNERT, DAVID J., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2003-12-22
[41] 2004-06-30
[30] US (10/331,964) 2002-12-30

[21] **2,453,786**
[13] A1
[51] **Int.Cl. 7H01M 8/24 7H01M 8/04 7H01M 2/20 7H01M 2/30**
[25] EN
[54] **FUEL CELL STACK AND METHOD OF PRODUCING THE SAME**
[54] **ENSEMBLE DE PILES A COMBUSTIBLE ET METHODE POUR LE PRODUIRE**
[72] KOMURA, TAKASHI, JP
[72] NAGOSHI, KENTARO, JP
[72] SAKANO, MASAAKI, JP
[72] KAWAMURA, TOSHIKI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2003-12-22
[41] 2004-06-27
[30] JP (2002-379772) 2002-12-27
[30] JP (2003-402644) 2003-12-02

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[21] **2,453,792**
[13] A1
[51] **Int.Cl. 7H01H 83/02 7H01H 71/00 7H01R 13/713**
[25] EN
[54] **GFCI WITHOUT BRIDGE CONTACTS AND HAVING MEANS FOR AUTOMATICALLY BLOCKING A FACE OPENING OF A PROTECTED RECEPTACLE WHEN TRIPPED**
[54] **DISJONCTEUR DE FUITE DE TERRE SANS CONTACT A CHEVAUCHEMENT ET PERMETTANT DE BLOQUER AUTOMATIQUEMENT UNE OUVERTURE DE FACE D'UNE PRISE PROTEGEE LORSQU'IL EST DECLENCHE**
[72] GERMAIN, FRANTZ, US
[72] STEWART, STEPHEN, US
[71] LEVITON MANUFACTURING CO., INC., US
[22] 2003-12-19
[41] 2004-06-30
[30] US (10/331,280) 2002-12-30

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[21] **2,453,797**
[13] A1
[51] **Int.Cl. 7H01H 83/02 7H01H 71/00 7H01R 13/713**
[25] EN
[54] **GFCI RECEPTACLE HAVING BLOCKING MEANS**
[54] **PRISE DE DISJONCTEUR DE FUITE A LA TERRE AVEC SYSTEME DE BLOCAGE**
[72] STEWART, STEPHEN, US
[72] GERMAIN, FRANTZ, US
[71] LEVITON MANUFACTURING CO., INC., US
[22] 2003-12-19
[41] 2004-06-30
[30] US (10/334,182) 2002-12-30

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[13] A1
[51] **Int.Cl. 7E04F 21/06 7F16L 59/00 7E04B 1/74**
[25] EN
[54] **APPARATUS FOR INSTALLATION OF LOOSE FILL INSULATION**
[54] **APPLICATEUR D'ISOLANT EN VRAC**
[72] BOWMAN, DAVID JAMES, US
[72] COOPER, MARY ELIZABETH, US
[71] U.S. GREENFIBER, LLC, US
[22] 2003-12-19
[41] 2004-06-30
[30] US (10/334,685) 2002-12-31

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[21] **2,453,802**
[13] A1
[51] **Int.Cl. 7H05B 3/10 7B64D 43/00 7G05D 23/19 7H05B 3/20**
[25] EN
[54] **HEATER FOR AIRCRAFT COCKPIT**
[54] **TAPIS CHAUFFANT DE CABINE DE PILOTAGE**
[72] NOORDMANS, ROLAND D., US
[72] SCHMIDT, GARY E., US
[71] SCHMIDT AIRCRAFT PRODUCTS, INC., US
[22] 2003-12-22
[41] 2004-06-30
[30] US (10/331,788) 2002-12-30

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[21] **2,453,803**
[13] A1
[51] **Int.Cl. 7H01H 9/16 7H01H 3/56**
[25] EN
[54] **A NON-CONTACT AUXILIARY SWITCH AND ELECTRIC POWER APPARATUS INCORPORATING SAME**
[54] **COMMUTATEUR AUXILIAIRE SANS CONTACT ET APPAREIL D'ALIMENTATION ELECTRIQUE COMPRENANT CE TYPE DE COMMUTATEUR**
[72] MOLDOVAN, PETER K., US
[72] WELLNER, EDWARD L., US
[72] LARSEN, MICHAEL R., US
[72] ZHOU, XIN, US
[72] SKIBINSKI, JOHN R., US
[72] GAZDECKI, RANDAL D., US
[72] ROLLMANN, PAUL J., US
[71] EATON CORPORATION, US
[22] 2003-12-19
[41] 2004-07-02
[30] US (10/335,664) 2003-01-02

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[21] **2,453,808**
[13] A1
[51] **Int.Cl. 7G01C 9/06**
[25] EN
[54] **LASER LEVEL WITH ADJUSTABLE LASER PROJECTION LINE**
[54] **NIVEAU LASER AVEC LIGNE DE PROJECTION LASER REGLABLE**
[72] WO, SHUMING, CN
[71] CHERVON INTERNATIONAL TRADING CO. LTD., CN
[22] 2003-12-22
[41] 2004-06-27
[30] CN (02293048.5) 2002-12-27

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[21] **2,453,870**
[13] A1
[51] **Int.Cl. 7H01H 9/02 7H01H 3/02**
[25] EN
[54] **SWITCH ENCLOSURE AND OPERATING HANDLE APPARATUS**
[54] **BOITIER DE COMMUTATEUR ET LEVIER DE MANOEUVRE**
[72] ABROY, HAMID SATTARI, US
[72] JOINES, HENRY B., US
[71] SQUARE D. COMPANY, US
[22] 2003-12-22
[41] 2004-06-30
[30] US (10/331,922) 2002-12-30

[21] **2,453,916**
[13] A1
[51] **Int.Cl. 7B23P 23/00**
[25] EN
[54] **MODULAR METAL WORKING TOOLING APPARATUS**
[54] **DISPOSITIF MODULAIRE D'OUTILLAGE DE TRAVAIL DES METAUX**
[72] AHTI, ROBERT ALLAN, US
[72] ELMAN, LARISA ALEXANDRA, US
[72] DUPUIS, CHRISTIAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-12-18
[41] 2004-06-30
[30] US (60/437,497) 2002-12-30
[30] US (60/437,238) 2002-12-30
[30] US (60/437,236) 2002-12-30
[30] US (10/370,869) 2003-02-20

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[21] **2,453,953**
[13] A1
[51] **Int.Cl. 7C09K 7/04 7E21B 43/18**
[25] EN
[54] **METHOD FOR DRILLING DEPLETED SANDS WITH MINIMAL DRILLING FLUIDS LOSS**
[54] **METHODE DE FORAGE DANS DES SABLES APPAUVRIS AVEC PERTE MINIMALE DES FLUIDES DE FORAGE**
[72] TARE, UDAY A., US
[72] POBER, KENNETH W., US
[72] CARLSON, THOMAS R., US
[72] FISK, JAMES V., US
[72] BILLINGSLEY, JOE L., US
[72] WHITFILL, DONALD L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2003-12-18
[41] 2004-06-30
[30] US (10/334,856) 2002-12-31

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[21] **2,453,963**
[13] A1
[51] **Int.Cl. 7G01S 13/90**
[25] EN
[54] **SYSTEM AND METHOD FOR SYNTHETIC APERTURE RADAR MAPPING A GROUND STRIP HAVING EXTENDED RANGE SWATH**
[54] **SYSTEME ET METHODE PERMETTANT DE CARTOGRAPHIER UNE BANDE DE TERRAIN PAR RADAR A SYNTHESE D'OUVERTURE A LARGEUR DE FAUCHEE ETENDUE**
[72] TSUNODA, STANLEY I., US
[71] GENERAL ATOMICS, US
[22] 2003-12-22
[41] 2004-06-27
[30] US (10/330,603) 2002-12-27

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[21] **2,453,980**
[13] A1
[51] **Int.Cl. 7E21B 29/00**
[25] EN
[54] **DOWNHOLE CUTTING TOOL AND METHOD**
[54] **OUTIL ET METHODE DE COUPE DE FOND DE TROU**
[72] MACKAY, ALEXANDER CRAIG, GB
[71] WEATHERFORD/LAMB, INC., US
[22] 2003-12-23
[41] 2004-06-27
[30] GB (0230189.3) 2002-12-27

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[21] **2,454,018**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING AN INTERACTIVE TRADING APPLICATION**
[54] **SYSTEMES ET METHODES PERMETTANT D'OFFRIR UNE APPLICATION DE NEGOCIATION INTERACTIVE**
[72] LUTNICK, HOWARD W., US
[72] AMAITIS, LEE, US
[71] ESPEED, INC., US
[22] 2003-12-23
[41] 2004-06-27
[30] US (60/437,157) 2002-12-27
[30] US (60/454,194) 2003-03-10
[30] US (10/446,572) 2003-05-27

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[21] **2,454,026**
[13] A1
[51] **Int.Cl. 7H01R 4/24 7H01R 11/20**
[25] EN
[54] **MODULAR TERMINAL BLOCK ASSEMBLY**
[54] **BORNIER MODULAIRE**
[72] AOUF, MOHAMED G., US
[72] BAUM, THOMAS, US
[72] SEDLECKY, DANIEL P., US
[71] MARCONI INTELLECTUAL PROPERTY (RINGFENCE) INC., US
[22] 2003-12-23
[41] 2004-06-30
[30] US (10/335,120) 2002-12-31

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[21] **2,454,032**
[13] A1
[51] **Int.Cl. 7G06F 19/00**
[25] EN
[54] **METHOD FOR CALCULATING PHYSICAL PROPERTIES, PHYSICAL PROPERTIES CALCULATING APPARATUS, AND COMPUTER PROGRAM PRODUCT**
[54] **METHODE DE CALCUL DE PROPRIETES PHYSIQUES, APPAREIL POUR CALCULER DES PROPRIETES PHYSIQUES ET LOGICIEL**
[72] YAMAMOTO, TOMOYUKI, JP
[71] THE NIPPON SYNTHETIC CHEMICAL INDUSTRY CO., LTD., JP
[22] 2003-12-23
[41] 2004-06-27
[30] JP (2002-382341) 2002-12-27

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[21] **2,454,034**
[13] A1
[51] **Int.Cl. 7B65B 31/02 7A22C 17/00**
[25] EN
[54] **SLICING AND VACUUM-PACKING ASSEMBLY**
[54] **ENSEMBLE DE COUPE EN TRANCHES ET D'EMBALLAGE SOUS VIDE**
[72] SCHIRO, PAOLUCCIO, IT
[72] ISOTTA, GIORGIO, IT
[71] TECLA DI SCHIRO & ISOTTA S.N.C., IT
[22] 2003-12-23
[41] 2004-06-27
[30] IT (VR2002A000132) 2002-12-27

[21] **2,454,046**
[13] A1
[51] **Int.Cl. 7A61F 2/44**
[25] EN
[54] **NOVEL BANANA CAGE**
[54] **CAGE DE FUSION INTERVERTEBRALE EN FORME DE BANANE**
[72] MOORE, BRADLEY, THOMAS, US
[72] BIRELEY, DOUGLAS, SCOTT, US
[72] BARTISH, CHARLES M., JR., US
[71] DEPUY SPINE, INC., US
[22] 2003-12-23
[41] 2004-06-30
[30] US (10/334,599) 2002-12-31

[21] **2,454,050**
[13] A1
[51] **Int.Cl. 7A61K 38/24 7A61J 3/07 7A61P 5/14 7A61K 38/22 7A61K 9/48**
[25] EN
[54] **PHARMACEUTICAL FORMULAE FOR THYROID HORMONES AND PROCEDURES FOR OBTAINING THEM**
[54] **PREPARATIONS PHARMACEUTIQUES POUR HORMONES THYROIDIENNES ET PROCEDES POUR OBTENIR CELLES-CI**
[72] DI MARTINO, ALESSANDRO, IT
[72] MATEO, ANGEL, IT
[72] MARCHIORRI, MAURIZIO, IT
[72] GARAVANI, ALBERTO, IT
[71] ALTERGON S.A., CH
[22] 2003-12-23
[41] 2004-06-27
[30] IT (MI2002A002777) 2002-12-27

[21] **2,454,074**
[13] A1
[51] **Int.Cl. 7F01M 5/00 7F01P 7/16**
[25] EN
[54] **OIL COOLER BYPASS VALVE**
[54] **CLAPET DE DERIVATION DE RADIATEUR D'HUILE**
[72] BROWN, LANNY D., US
[71] HURON, INC., US
[22] 2003-12-23
[41] 2004-06-27
[30] US (10/330,695) 2002-12-27

[21] **2,454,118**
[13] A1
[51] **Int.Cl. 7B60R 1/06**
[25] EN
[54] **VEHICULAR MIRROR WITH SLIP CLUTCH FOR JACK SCREW ACTUATOR**
[54] **MIROIR DE VEHICULE AVEC ACCOUPLEMENT A GLISSEMENT POUR ACTIONNEUR DE VERIN A VIS**
[72] FOOTE, KEITH D., US
[71] MAGNA DONNELLY MIRRORS NORTH AMERICA L.L.C., US
[22] 2003-12-23
[41] 2004-06-30
[30] US (60/319,823) 2002-12-30

[21] **2,454,144**
[13] A1
[51] **Int.Cl. 7G01V 1/00 7G06F 19/00 7G01S 15/02 7E05F 15/20**
[25] EN
[54] **DEVICE AND METHOD FOR ADAPTIVE ULTRASOUND SENSING**
[54] **DISPOSITIF ET METHODE DE DETECTION ULTRASONORE ADAPTATIVE**
[72] AGAM, URI, CA
[72] GAL, ELI, CA
[71] AGAM, URI, CA
[71] GAL, ELI, CA
[22] 2003-12-23
[41] 2004-06-27
[30] US (60/436,455) 2002-12-27

[21] **2,454,156**
[13] A1
[51] **Int.Cl. 7A23L 1/16**
[25] EN
[54] **FOOD AND METHOD FOR PRODUCING FOOD**
[54] **ALIMENT ET METHODE DE PRODUCTION**
[72] NIITSU, YUKIKO, JP
[71] TANCHO-NO-MAI HONPO LTD., JP
[22] 2003-12-23
[41] 2004-06-27
[30] JP (2002-381772) 2002-12-27
[30] JP (2003-101563) 2003-04-04

[21] **2,454,191**
[13] A1
[51] **Int.Cl. 7B60N 2/28 7A47C 1/08 7A47C 1/11**
[25] EN
[54] **HARNESS-CONTROL PANEL ADJUSTER FOR CHILD-RESTRAINT SEAT**
[54] **DISPOSITIF DE REGLAGE DE PANNEAU DE COMMANDE DE HARNAIS POUR SIEGE D'ENFANT**
[72] KAIN, JAMES M., US
[71] COSCO MANAGEMENT, INC., US
[22] 2003-12-23
[41] 2004-06-27
[30] US (10/330,812) 2002-12-27

[21] **2,454,193**
[13] A1
[51] **Int.Cl. 7G02B 6/36**
[25] EN
[54] **ADAPTER FOR OPTICAL FIBER CONNECTORS HAVING MECHANISM FOR PROTECTING FIBER END WHEN COUPLING WITH FIBER CONNECTOR**
[54] **ADAPTATEUR POUR CONNECTEUR DE FIBRES OPTIQUES COMPRENANT UN MECANISME POUR PROTEGER LES EXTREMITES DES FIBRES LORS DE LEUR COUPLAGE AU CONNECTEUR**
[72] ONOGAWA, AKIHIRO, JP
[72] HIROKI, YASUTAKA, JP
[72] KOREEDA, YUICHI, JP
[72] KOBAYASHI, HIROTADA, JP
[71] JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED, JP
[22] 2003-12-23
[41] 2004-06-27
[30] JP (381328/2002) 2002-12-27

[21] **2,454,211**
[13] A1
[51] **Int.Cl. 7A47B 45/00 7A47F 5/01 7A47F 5/08**
[25] EN
[54] **SHELVING**
[54] **RAYONNAGE**
[72] KAUFMAN, ALAN J., US
[72] JABLOW, DAVID B., US
[72] MILLER, MICHAEL, US
[72] SPINELLI, ENRICO, FI
[72] MILLER, JACK, US
[71] TUBE TECHNOLOGY, LLC, US
[22] 2003-12-24
[41] 2004-06-30
[30] US (60/437,064) 2002-12-30
[30] US (29/173,600) 2002-12-31
[30] US (10/387,350) 2003-03-12
[30] US (UNKNOWN) 2003-12-23

[21] **2,454,282**
[13] A1
[51] **Int.Cl. 7D21H 25/18 7F26B 3/347**
[25] EN
[54] **METHOD AND APPARATUS FOR DRYING BOOK AND SIMILAR PAPER-BASED MATERIALS**
[54] **METHODE ET DISPOSITIF DE DESHUMIDIFICATION DE LIVRES ET D'OBJETS SEMBLABLES A BASE DE PAPIER**
[72] HAJEK, MILAN, CZ
[72] DRAHOS, JIRI, CZ
[71] USTAV CHEMICKYCH PROCESU AKADEMIE VED CESKE REPUBLIKY, CZ
[22] 2003-12-29
[41] 2004-06-30
[30] CZ (CZ PV 2002-4272) 2002-12-30

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[21] **2,454,285**
[13] A1
[51] **Int.Cl. 7G01R 31/34 7G01M 15/00 7F02N 11/00**
[25] EN
[54] **METHOD AND APPARATUS FOR TESTING A MOTOR**
[54] **METHODE ET APPAREIL DE CONTROLE D'UN MOTEUR ELECTRIQUE**
[72] RAICHLE, KURT, US
[71] SPX CORPORATION, US
[22] 2003-12-29
[41] 2004-06-30
[30] US (10/331,614) 2002-12-31

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[21] **2,454,299**
[13] A1
[51] **Int.Cl. 7A61M 5/32 7A61B 5/15**
[25] EN
[54] **SAFETY FLUID INJECTING/ SAMPLING APPARATUS**
[54] **DISPOSITIF D'INJECTION/ ECHANTILLONNAGE DE FLUIDE DE SECURITE**
[72] FAN, TZU-SHENG, TW
[71] TAIJECT MEDICAL DEVICE CO., LTD., TW
[22] 2003-12-29
[41] 2004-06-30
[30] TW (02294498.2) 2002-12-31

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[21] **2,454,304**
[13] A1
[51] **Int.Cl. 7B65G 1/04 7B65G 1/06**
[25] EN
[54] **METHOD AND APPARATUS FOR THE HANDLING AND STORAGE OF LOADS**
[54] **METHODE ET APPAREIL DE MANUTENTION ET D'ENTREPOSAGE DE CHARGES**
[72] MANTERE, TUOMAS, FI
[72] VAERTTOE, PENTTI, FI
[72] HAIMALA, JUHA, FI
[71] AWA ADVANCED WAREHOUSE AUTOMATION OY, FI
[22] 2003-12-29
[41] 2004-07-02
[30] FI (20030001) 2003-01-02

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[21] **2,454,316**
[13] A1
[51] **Int.Cl. 7A47J 27/09**
[25] EN
[54] **A SAFETY CAP FOR THE PRESSURE RELEASE VALVE OF A PRESSURE COOKER AND A PRESSURE COOKER USING THE SAME**
[54] **BOUCHON DE SURETE POUR SOUPAPE DE SURPRESSION D'AUTOCUISEUR ET AUTOCUISEUR AINSI EQUIPE**
[72] HASEGAWA, TOM HIROSHI, US
[71] HASEGAWA, TOM HIROSHI, US
[22] 2003-12-29
[41] 2004-06-30
[30] US (10/334,083) 2002-12-30
[30] US (UNKNOWN) 2003-12-19

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[21] **2,454,321**
[13] A1
[51] **Int.Cl. 7A61K 7/42 7A61P 17/16 7A61K 7/40 7A61K 7/48**
[25] EN
[54] **SUNSCREEN COMPOSITIONS**
[54] **COMPOSITIONS D'ECRANS SOLAIRES**
[72] SINGLETON, LAURA C., US
[71] NEUTROGENA CORPORATION, US
[22] 2003-12-29
[41] 2004-06-30
[30] US (10/331,297) 2002-12-30

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[21] **2,454,322**
[13] A1
[51] **Int.Cl. 7B05B 1/26**
[25] EN
[54] **SPRINKLER COVER**
[54] **CAPOT D'ASPERSEUR**
[72] FRANSON, SCOTT T., US
[71] THE VIKING CORPORATION, US
[22] 2003-12-24
[41] 2004-06-27
[30] US (60/436,682) 2002-12-27

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[21] **2,454,329**
[13] A1
[51] **Int.Cl. 7A23L 1/164**
[25] EN
[54] **CEREAL BARS AND METHODS OF THEIR MANUFACTURE**
[54] **BARRES DE CEREALES ET METHODES DE FABRICATION**
[72] BIRNEY, SHARON R., US
[72] COLEMAN, EDWARD C., US
[72] BRANDER, RITA W., US
[71] KRAFT FOODS HOLDINGS, INC., US
[22] 2003-12-29
[41] 2004-06-30
[30] US (10/334,032) 2002-12-30

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[21] **2,454,356**
[13] A1
[51] **Int.Cl. 7G07B 17/00 7H04L 9/32**
[25] EN
[54] **PERSONAL FUNDS METERING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE COMPTAGE DES FONDS PERSONNELS**
[72] ROJAS, JOHN W., US
[72] LEUNG, WENDY CHUI FEN, US
[72] NORRIS, JAMES R., US
[72] BRAUN, JOHN F., US
[72] COFFY, JEAN-HIRAM, US
[72] PARKOS, ARTHUR, US
[72] LEUNG, ALAN, US
[71] PITNEY BOWES INC., US
[22] 2003-12-29
[41] 2004-06-30
[30] US (10/248,249) 2002-12-30

[21] **2,454,371**
[13] A1
[51] **Int.Cl. 7F16H 47/02 7F16D 31/02 7B60K 17/10 7B60K 41/22**
[25] EN
[54] **HYDROSTATIC TRANSMISSION HAVING A HYDRAULIC DAMPENING AND NEUTRAL BLEED MECHANISM**
[54] **TRANSMISSION HYDROSTATIQUE AVEC MECANISME HYDRAULIQUE D'AMORTISSEMENT ET D'ECOULEMENT NEUTRE**
[72] COX, C. PAUL, US
[72] WILLIAMS, DOUGLAS G., US
[71] TECUMSEH PRODUCTS COMPANY, US
[22] 2003-12-29
[41] 2004-06-30
[30] US (10/331,717) 2002-12-30

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[21] **2,454,378**
[13] A1
[51] **Int.Cl. 7H04L 12/54 7H04L 9/28**
[25] EN
[54] **SYSTEM AND METHOD FOR MESSAGE FILTERING BY A TRUSTED THIRD PARTY**
[54] **SYSTEME ET METHODE DE FILTRAGE DE MESSAGES PAR UN TIERS DE CONFIANCE**
[72] MATSKEVICH, PAVEL, US
[72] LANG, CHRISTOPHER C., US
[71] PITNEY BOWES INC., US
[22] 2003-12-29
[41] 2004-06-30
[30] US (10/248,260) 2002-12-31

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[21] **2,454,380**
[13] A1
[51] **Int.Cl. 7B41J 3/54 7B41J 3/01**
[25] EN
[54] **METHOD FOR IMPROVING THE READABILITY OF COMPOSITE IMAGES**
[54] **METHODE POUR AMELIORER LA LISIBILITE D'IMAGES COMPOSITES**
[72] CRITELLI, MICHAEL J., US
[72] PIERCE, PERRY A., US
[72] MALANDRA, CHARLES R., US
[72] AUSLANDER, JUDITH D., US
[71] PITNEY BOWES INC., US
[22] 2003-12-29
[41] 2004-06-30
[30] US (60/436,930) 2002-12-30

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[21] **2,454,428**
[13] A1
[51] **Int.Cl. 7H04L 9/32 7G07B 17/02**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTHENTICATING A MAILPIECE SENDER**
[54] **SYSTEME ET METHODE D'AUTHENTIFICATION D'EXPEDITEUR DE PIECE DE COURRIER**
[72] COFFY, JEAN-HIRAM, US
[72] ROJAS, JOHN W., US
[72] NORRIS, JAMES R. JR., US
[72] BRAUN, JOHN F., US
[72] PARKOS, ARTHUR, US
[72] LEUNG, ALAN, US
[72] LEUNG, WENDY CHUI FEN, US
[71] PITNEY BOWES INC., US
[22] 2003-12-24
[41] 2004-06-30
[30] US (10/248,248) 2002-12-30

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[21] **2,454,429**
[13] A1
[51] **Int.Cl. 7C09D 11/00 7B41J 2/01 7C09D 11/02**
[25] EN
[54] **INVISIBLE INK JET INKS**
[54] **JETS D'ENCRE INVISIBLE**
[72] AUSLANDER, JUDITH D., US
[71] PITNEY BOWES INC., US
[22] 2003-12-24
[41] 2004-06-30
[30] US (10/331,829) 2002-12-30

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[21] **2,454,463**
[13] A1
[51] **Int.Cl. 7E06B 9/307 7E06B 9/322**
[25] EN
[54] **APPARATUS FOR ADJUSTING THE POSITION OF THE SLATS OF VENETIAN BLINDS AND VENETIAN BLIND**
[54] **REGLEUR DE POSITION DES LAMELLES DE STORES VENITIENS ET STORES VENITIENS**
[72] COLOSIO, MAURO, IT
[71] OBER S.R.L., IT
[22] 2003-12-24
[41] 2004-06-30
[30] EP (02425810.5) 2002-12-30

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[21] **2,454,468**
[13] A1
[51] **Int.Cl. 7A61M 25/00 7A61M 25/10**
[25] EN
[54] **CATHETER AND METHOD OF MANUFACTURING SAME**
[54] **CATHETER ET METHODE DE FABRICATION DE CELUI-CI**
[72] QUINT, BODO, DE
[71] ABBOTT LABORATORIES VASCULAR ENTERPRISES LIMITED, IE
[22] 2003-12-24
[41] 2004-06-30
[30] EP (02029115.9) 2002-12-31

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[21] **2,454,487**
[13] A1
[51] **Int.Cl. 7H04B 10/08**
[25] EN
[54] **OPTICAL CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE OPTIQUE**
[72] RIBARIC, ZELJKO, CA
[72] ANDREWS, ROBERT, CA
[72] JAY, PAUL R., CA
[72] DIETZ, PAUL B., CA
[71] INTELLIGENT PHOTONICS CONTROL CORP., CA
[22] 2003-12-30
[41] 2004-06-30
[30] US (10/331,763) 2002-12-31

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[21] **2,454,492**
[13] A1
[51] **Int.Cl. 7G06F 3/12 7H04L 12/24**
[25] EN
[54] **CLIENT SIDE RENDERING OF PRINTABLE DOCUMENTS IN A NETWORK**
[54] **RENDU COTE CLIENT DE DOCUMENTS IMPRIMABLES DANS UN RESEAU**
[72] LAWRENCE, MARK A., US
[72] KIRALY, STEVEN, US
[71] MICROSOFT CORPORATION, US
[22] 2003-12-30
[41] 2004-07-03
[30] US (10/337,115) 2003-01-03

[21] **2,454,494**
[13] A1
[51] **Int.Cl. 7E21B 7/08 7E21B 29/06**
[25] EN
[54] **RETRIEVABLE PRE-MILLED WINDOW WITH DEFLECTOR**
[54] **FENETRE PRE-FRAISEE RECUPERABLE AVEC DEFLECTEUR**
[72] GLASER, MARK C., US
[72] DELGADO, STEVE R., US
[72] JOHNSON, MIKE, US
[72] DURST, DOUG, US
[72] RYAN, MARK, US
[72] RODGERS, KEN DALE, US
[71] WEATHERFORD/LAMB, INC., US
[22] 2003-12-24
[41] 2004-07-02
[30] US (10/335,979) 2003-01-02

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[21] **2,454,496**
[13] A1
[51] **Int.Cl. 7E21B 10/32**
[25] EN
[54] **EXPANDABLE BIT WITH A SECONDARY RELEASE DEVICE**
[54] **OUTIL EXTENSIBLE AVEC DISPOSITIF DE DEGAGEMENT SECONDAIRE**
[72] FULLER, MARK S., GB
[72] DALRYMPLE, KENNETH J., AU
[72] GLEDHILL, ANDREW D., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2003-12-24
[41] 2004-06-30
[30] US (10/335,957) 2002-12-31

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[21] **2,454,499**
[13] A1
[51] **Int.Cl. 7H04L 12/56 7H04H 1/00 7H04L 9/00 7H04L 9/28**
[25] EN
[54] **FRAME PROTOCOL AND SCHEDULING SYSTEM**
[54] **PROTOCOLE DE TRAME ET SYSTEME DE PLANIFICATION**
[72] CERMAK, GERALD F., US
[72] MASSARENTI, DAVIDE, US
[72] YUVAL, GIDEON A., US
[72] CORBEA, COSMIN A., US
[72] THOMPSON, R. DONALD III, US
[71] MICROSOFT CORPORATION, US
[22] 2003-12-30
[41] 2004-07-03
[30] US (10/336,240) 2003-01-03

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[21] **2,454,503**
[13] A1
[51] **Int.Cl. 7E05F 15/10**
[25] EN
[54] **MOVABLE BARRIER OPERATOR AUTO-FORCE SETTING METHOD AND APPARATUS**
[54] **METHODE ET DISPOSITIF D'AUTO-APPLICATION DE FORCE A UN ACTIONNEUR DE BARRIERE MOBILE**
[72] JURADO, CARLOS, US
[72] GREGORI, ERIC M., US
[72] STEPHAN, MATTHEW C., US
[71] THE CHAMBERLAIN GROUP, INC., US
[22] 2003-12-30
[41] 2004-06-30
[30] US (10/335,199) 2002-12-31

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[21] **2,454,530**
[13] A1
[51] **Int.Cl. 7B32B 27/28 7B32B 33/00 7C08G 63/00 7C09J 7/02 7C08J 7/04 7C08F 10/06 7C08J 5/12 7C08J 5/18**
[25] EN
[54] **STATIC COF DIFFERENTIAL POLY FILM REAM WRAP**
[54] **MACULE POUR EMBALLAGE EN POLYFILM A DIFFERENTIEL DE COEFFICIENT DE FROTTEMENT (COF)**
[72] NOWAK, MICHAEL R., US
[72] ARENT, WENDY L., US
[72] MUELLER, LOU ANN, US
[71] COATING EXCELLENCE INTERNATIONAL, US
[22] 2003-12-30
[41] 2004-06-30
[30] US (10/331,298) 2002-12-30

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[21] **2,454,629**
[13] A1
[51] **Int.Cl. 7A61K 31/337 7A61K 9/10 7A61K 9/107 7A61K 47/18 7A61K 47/30**
[25] EN
[54] **AMINO ACIDS IN MICELLE PREPARATION**
[54] **PREPARATION D'ACIDES AMINES SOUS FORME DE MICELLE**
[72] GRAVETT, DAVID M., CA
[71] ANGIOTECH INTERNATIONAL GMBH, CH
[22] 2003-12-30
[41] 2004-06-30
[30] US (60/437,385) 2002-12-30

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[21] **2,454,659**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SELLING PAPER THROUGH ORGANIZATIONS**
[54] **VENTE DE PAPIER PAR DES ORGANISMES**
[72] NOWAK, MICHAEL R., US
[71] NOWAK, MICHAEL R., US
[22] 2003-12-31
[41] 2004-06-30
[30] US (60/437,469) 2002-12-31

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[21] **2,454,663**
[13] A1
[51] **Int.Cl. 7F16D 3/30**
[25] EN
[54] **WIDE-ANGLE CONSTANT-VELOCITY JOINT, WITH ARRANGEMENT FOR REDUCING THE STRESSES OF THE INTERNAL MEMBERS**
[54] **JOINT HOMOCINETIQUE A GRAND ANGLE FABRIQUE DE FACON A REDUIRE LES CONTRAINTES DES ELEMENTS INTERNES**
[72] BONDIOLI, EDI, IT
[71] BONDIOLI, EDI, IT
[22] 2003-12-31
[41] 2004-07-03
[30] IT (FI2003A000001) 2003-01-03

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[21] **2,454,676**
[13] A1
[51] **Int.Cl. 7B01F 1/00 7B01F 7/00 7B01F 15/06 7B01F 3/12**
[25] EN
[54] **METHOD AND APPARATUS FOR DISSOLVING UREA**
[54] **METHODE ET APPAREIL POUR DISSOUDRE L'UREE**
[72] ROACH, ROBERT, US
[72] DIROMA, SABETO A., US
[72] RECCHIA, FRANK P., US
[71] ROACH, ROBERT, US
[71] DIROMA, SABETO A., US
[71] RECCHIA, FRANK P., US
[22] 2003-12-31
[41] 2004-07-03
[30] US (60/438,024) 2003-01-03

[21] **2,454,706**
[13] A1
[51] **Int.Cl. 7B67D 5/37 7B05B 1/00 7B27G 11/00**
[25] EN
[54] **NOZZLE UNIT**
[54] **RAMPE DE BUSES**
[72] ROENKAE, GATJA, FI
[72] TIUSANEN, ARI-PEKKA, FI
[72] LAMMI, PETRI, FI
[72] MIINALAINEN, TIMO, FI
[72] RAINIO, JOUNI, FI
[71] RAUTE OYJ, FI
[22] 2003-12-31
[41] 2004-06-30
[30] FI (FI-20022290) 2002-12-31

[21] **2,454,707**
[13] A1
[51] **Int.Cl. 7B27G 11/00 7B05B 7/06 7B32B 21/08 7B32B 7/12**
[25] EN
[54] **FOAMING METHOD AND DEVICE**
[54] **METHODE ET DISPOSITIF DE MOUSSAGE**
[72] VIRTANEN, MATTI, FI
[72] RAINIO, JOUNI, FI
[71] RAUTE OYJ, FI
[22] 2003-12-31
[41] 2004-06-30
[30] FI (FI-20022291) 2002-12-31

[21] **2,454,708**
[13] A1
[51] **Int.Cl. 7A01K 13/00 7A45D 29/02**
[25] EN
[54] **NAIL CLIPPER FOR PETS WITH CURVED CUTTING EDGES**
[54] **COUPE-ONGLES A BORDS DE COUPE INCURVES POUR ANIMAUX FAMILIERS**
[72] KUZUU, MASAYUKI, JP
[71] KUZUU, MASAYUKI, JP
[22] 2003-12-31
[41] 2004-06-30
[30] JP (2002-383720) 2002-12-31

[21] **2,454,709**
[13] A1
[51] **Int.Cl. 7A47L 9/00 7A47L 9/02 7A47L 9/04**
[25] EN
[54] **VACUUM CLEANER EQUIPPED WITH PIVOTALLY MOUNTED AGITATOR SECTION**
[54] **ASPIRATEUR EQUIPE D'UN AGITATEUR MONTE SUR PIVOT**
[72] DOWNEY, RICHARD E., US
[72] GIESKE, JASON R., US
[71] MATSUSHITA ELECTRIC CORPORATION OF AMERICA, US
[22] 2003-12-31
[41] 2004-07-03
[30] US (60/437,960) 2003-01-03
[30] US (60/468,408) 2003-05-06

[21] **2,454,717**
[13] A1
[51] **Int.Cl. 7F16D 3/30**
[25] EN
[54] **WIDE-ANGLE CONSTANT-VELOCITY JOINT, IMPROVED TO EXTEND LUBRICATION TIME AND REDUCE THE LOSS OF LUBRICANT**
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[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'ISOLER DE FAIRE PROLIFERER ET DE DIFFERENCIER DES CELLULES-SOUCHES HUMAINES ET UTILISATION DE CELLES-CI**
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[54] **PROCEDE DE SURVEILLANCE DE LA PRODUCTION ET DE LA PURIFICATION DE POLYPEPTIDES PAR SPECTROMETRIE DE MASSE A DESORPTION/IONISATION DE SURFACE PAR IMPACT LASER AMELIOREE**
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[72] DAVIES, HUW, GB
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[54] **METHOD FOR MAKING RIGID STRUCTURES FROM PANELS**
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[72] DONGRE, ASHOK, US
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[54] **WAVEGUIDE QUADRUPLE MODE MICROWAVE FILTER HAVING ZERO TRANSMISSION**
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[72] PHAM, JEAN-MARIE, FR
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[72] LANGER, NICOLE M., US
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[54] **OUTIL NON METRIQUE DE PREDICTION DE RELATIONS GENETIQUES A PARTIR DE DONNEES D'EXPRESSION**
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[72] VAN DAM, MICHAEL R., US
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[72] MCGINNIS, SEAN, US
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[54] **PROCEDE D'EPOXYDATION DIRECTE EFFECTUE AVEC UN SYSTEME CATALYSEUR MIXTE PRECHAUFFE AVEC UN AGENT CONTENANT DU BROMURE**
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[72] SCHURZKY, KENNETH, G., US
[72] SANTANA, ROBERT, L., US
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[72] KIRAKOSSIAN, HRAIR, US
[72] SINGH, SHARAT, US
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[72] GOULET, MATTHEW, US
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[72] FRUMUSA, GERALD J., US
[72] BROWN, THOMAS A., US
[72] SPOOR, RONALD D., US
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[72] ANDERSON, ALISTAIR GORDON, GB
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[54] **COPOLYMERE D'ETHYLENE/D'ALPHA-OLEFINE CONSTITUE D'UNE COMBINAISON DE CATALYSEURS A SITE UNIQUE ET A SITE NON UNIQUE, SA PREPARATION ET SON UTILISATION**
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[72] KALE, LAWRENCE T., CA
[72] NOWLIN, THOMAS E., US
[72] DACKSON, KEITH, US
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[54] **DISPOSITIF D'ORIENTATION POUR CAROTTES**
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[72] BEACH, ANDREW, AU
[71] 21C AUSTRALIA PTY LTD, AU
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[54] **IDENTIFICATION D'UN SYSTEME NON LINEAIRE POUR LA PREVISION DE CLASSES EN BIOINFORMATIQUE EST DANS DES APPLICATIONS CONNEXES**
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[54] **NOUVEAUX PEPTIDES, ANALOGUES DE L'HORMONE DE LIBERATION DE L'HORMONE DE CROISSANCE**
[72] IZDEBSKI, JAN, PL
[72] FRACKIEWICZ, ELZBIETA, PL
[72] BANKOWSKI, KRZYSZTOF, PL
[72] KUNCE, DANUTA, PL
[72] ORLOWSKA, ALICJA, PL
[72] KUTNER, ANDRZEJ, PL
[72] SZELEJEWSKI, WIESLAW, PL
[72] WITKOWSKA, EWA, PL
[71] INSTYTUT FARMACEUTYCZNY, PL
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[54] **INSTALLATION A JET DE PUITS SERVANT A TESTER ET A ETUDIER DES COUCHES ET PROCEDE D'UTILISATION DE CETTE INSTALLATION**
[72] STENIN, VLADIMIR PETROVICH, RU
[72] KHOMYNETS, ZINOVIY DMITRIEVICH, UA
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[72] BATYCKY, RICHARD P., US
[71] ADVANCED INHALATION RESEARCH, INC., US
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[54] **DERIVES DE PIPERAZINE AYANT UNE ACTIVITE ANTAGONISTE SST1**
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[72] TROXLER, THOMAS J., CH
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[54] **DISPOSITIF DE MISE A FEU DE PROJECTILES FAISANT APPEL A UN GAZ PROPULSEUR LIQUEFIE**
[72] WEBB, ROGER CLYDE, AU
[71] POLY SYSTEMS PTY LIMITED, AU
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[71] POLY SYSTEMS PTY LIMITED, AU
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[54] **APPAREIL DE SUPPORT DE RECHERCHE D'INFORMATIONS, PROGRAMME INFORMATIQUE ET SUPPORT CONTENANT LEDIT PROGRAMME**
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[72] NOGUCHI, SUMIO, JP
[71] JAM CORPORATION, JP
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[54] **TONER SYNTHETIQUE ET PROCEDES DE FABRICATION ASSOCIES**
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[72] LABADIE, SHARADA SHENVI, US
[72] SJOGREN, ERIC BRIAN, US
[72] TALAMAS, FRANCISCO XAVIER, US
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[72] ELFRINK, PETRUS JOHANNES MARIA DAVID, NL
[72] MESTACH, DIRK EMIEL PAULA, BE
[72] ROELOFS, ANDREAS HENRICUS JOHANNES, NL
[72] VAN DER HORST, HENDRIK HERMANUS RIKUS, NL
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[54] **COMPLEXES DE POLY(DIOXYTHIOPHENE)/ POLY(ACIDE ACRYLAMIDOALKYLSULFONIQUE)**
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[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **PROCEDE ET APPAREIL D'ATTENUATION D'INTERFERENCE DE CANAUX ADJACENTS DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] FERNANDEZ-CORBATON, IVAN JESUS, US
[72] JAYARAMAN, SRIKANT, US
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[71] EMS TECHNOLOGIES, INC., US
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[54] **ESTIMATION DE LA PUISSANCE A L'AIDE DE LA SOMME PONDEREE DE SYMBOLES PILOTES ET DE SYMBOLES NON PILOTES**
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[71] QUALCOMM INCORPORATED, US
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[54] **SELECTION D'UN NOEUD DE SERVICE DE PAQUETS DE DONNEES POUR SERVICES MULTIDIFFUSION / EMISSION**
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[71] QUALCOMM INCORPORATED, US
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[54] **FREQUENCY TRACKING USING PILOT AND NON-PILOT SYMBOLS**
[54] **POURSUITE EN FREQUENCE A L'AIDE DE SYMBOLES PILOTES ET NON PILOTES**
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[71] QUALCOMM INCORPORATED, US
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[72] EGGENWEILER, HANS-MICHAEL, DE
[72] SCHELLING, PIERRE, DE
[72] BEIER, NORBERT, DE
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[54] **DERIVES DE 3-HETEROARYL-3,5-DIHYDRO-4-OXO-4H-PYRIDAZINO[4,5-B]INDOLE-1-CARBOXAMIDE, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE**
[54] **3-HETEROARYL-3,5-DIHYDRO-4-OXO-4H-PYRIDAZINO[4,5-B]INDOLE-1-CARBOXAMIDE DERIVATIVES, THEIR PREPARATION AND THERAPEUTIC USE**
[72] MARABOUT, BENOIT, FR
[72] PUECH, FREDERIC, FR
[72] MARGUET, FRANK, FR
[72] BURNIER, PHILIPPE, FR
[72] FROISSANT, JACQUES, FR
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[54] **METHODE D'ADMINISTRATION DE BIRB 796 BS**
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[72] YONG, CHAN LOI, US
[72] PARGELLIS, CHRISTOPHER, US
[72] MADWED, JEFFREY B., US
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[54] **METHOD FOR THE GROUND-BASED MONITORING OF EWF-TYPE ANOMALIES IN A POSITIONING SATELLITE SIGNAL**
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[71] THALES, FR
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[54] **RECORDING MEDIUM AND METHODS OF AND DEVICE FOR RECORDING INFORMATION ON THE RECORDING MEDIUM**
[54] **SUPPORT D'ENREGISTREMENT ET PROCEDES ET DISPOSITIF DESTINES A L'ENREGISTREMENT D'INFORMATIONS SUR LE SUPPORT D'ENREGISTREMENT**
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[72] LUITJENS, STEVEN B., NL
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[54] **IDENTIFICATEUR DE PIECES DE MONNAIE MESURANT LA FREQUENCE DES COURANTS DE FOUCAULT**
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[71] SCAN COIN INDUSTRIES AB, SE
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[54] **DISPOSITIF DE FILTRAGE DE RAYONNEMENT OPTIQUE POUR UNE LONGUEUR D'ONDE DE TRAVAIL**
[72] DURKIN, MICHAEL KEVAN, GB
[72] ZERVAS, MIKHAIL NICKOLAOS, GB
[71] SOUTHAMPTON PHOTONICS LIMITED, GB
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[54] **PROCEDE ET SYSTEME DE REALISATION D'UNE PRESCRIPTION**
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[54] **COMPOSITIONS FOR SUSTAINED ACTION PRODUCT DELIVERY**
[54] **COMPOSITIONS DESTINEES A LA LIBERATION DE PRODUITS A ACTION CONTINUE**
[72] SCHMITKE, JENNIFER L., US
[72] TSAPIS, NICHOLAS Y. K., US
[72] WEITZ, DAVID A., US
[72] HRKACH, JEFFREY S., US
[72] EDWARDS, DAVID A., US
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[54] **BALLE DE GOLF AVEC NOYAU A COEFFICIENT DE RESTITUTION SUPERIEUR ET PROCEDE DE FABRICATION**
[72] NESBITT, R., DENNIS, US
[71] CALLAWAY GOLF COMPANY, US
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[72] HANCU, DAN, US
[71] ARCO CHEMICAL TECHNOLOGY, L.P., US
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[54] **COMPOSITIONS RESISTANT AUX CHOCS**
[72] VALENTAGE, JEFFREY, US
[72] MEKA, PRASADARAO, US
[72] BURKE, PAUL J., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
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[54] **NOUVEAUX AGENTS INHIBANT LA LECTURE**
[72] WANG, CHUNMING, US
[72] KOLB, ERIC S., US
[72] WALDMAN, DAVID A., US
[71] APRILIS, INC., US
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[54] **LOTION POUR LA PEAU CONTENANT UNE DISPERSION AQUEUSE DE PARTICULES ULTRA-FINES DE TITANE**
[72] SUZUKI, KAZUAKI, JP
[72] UEDA, YOSHIO, JP
[72] TAKASE, HIROAKI, JP
[72] HIRATA, YOSHIHIRO, JP
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[54] **PROCEDE DE FORMATION DE FILM A REVETEMENT MULTICOUCHES**
[72] IKEHARA, SHINICHI, JP
[72] OKAMOTO, YOSHIYUKI, JP
[72] KURAMOCHI, SHIGERU, JP
[72] TOKAMI, WATARU, JP
[72] IHARA, SATORU, JP
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[54] **MEMBRANE MATRICIELLE MIXTE POUR SEPARATION DE GAZ**
[72] KULPRATHIPANJA, SANTI, US
[72] CHAROENPHOL, JUTIMA, TH
[71] UOP LLC, US
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[54] **FACTEURS NON NEUROTOXIQUES ACTIVATEURS DU PLASMINOGENE POUR LE TRAITEMENT DE L'ACCIDENT VASCULAIRE CEREBRAL**
[72] SOHNGEN, MARIOLA, DE
[72] SOHNGEN, WOLFGANG, DE
[72] SCHLEUNING, WOLF-DIETER, DE
[72] MEDCALF, ROBERT, AU
[71] PAION, GMBH, DE
[85] 2004-05-03
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[30] DE (101 53 601.1) 2001-11-02
[30] EP (01 130 006.8) 2001-12-17

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[54] **METHODS FOR VASCULAR IMAGING USING NANOPARTICULATE CONTRAST AGENTS**
[54] **PROCEDES D'IMAGERIE VASCULAIRE COMPRENANT L'UTILISATION D'AGENTS DE CONTRASTE NANOPARTICULAIRES**
[72] WILLIAMS, TAFFY, US
[72] KOENIG, REINHARD, US
[71] IMCOR PHARMACEUTICAL COMPANY, US
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[30] US (60/346,162) 2001-11-07
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[54] **PROCEDE POUR DETECTER DES ACIDES NUCLEIQUES AU MOYEN D'UN TEST RAPIDE A SEC**
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[54] **INSTRUMENT**
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[54] **METHODS AND SYSTEMS FOR CONDUCTING LOTTERY-TYPE GAMES WITH STRATEGY ELEMENTS**
[54] **PROCEDES ET SYSTEMES DE MISE EN OEUVRE DE JEUX DE LOTERIE FAISANT INTERVENIR DES ELEMENTS DE STRATEGIE**
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[71] SCIENTIFIC GAMES ROYALTY CORPORATION, US
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[54] **BACILLUS SUBTILIS NON SPORULE DONT DES PARTIES DU GENE CODANT POUR SIGMA G ONT ETE ELIMINEES**
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[72] KOSKI, PERTTI, FI
[71] IPSAT THERAPIES OY, FI
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[54] **CAISSE ASPIRANTE POUR COMMANDER LE PASSAGE D'UNE BANDE**
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[71] METSO PAPER INC., FI
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[54] **PROCEDE ET DISPOSITIF DE PRODUCTION DE REACTIONS**
[72] VAEAENAENEN, JOHANNES, FI
[72] KAMPMAN, VILLE, FI
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[72] ANDERSON, ALISTAIR GORDON, GB
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[72] GRAY, BUDDY, DON, US
[71] GRAY, BUDDY, DON, US
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[54] **NOUVELLES MOLECULES**
[72] GRIFFIN, ALISON, MICHELLE, GB
[72] BARTON, BARRY, GB
[72] JENSEN, SUSAN, CA
[72] ANDERS, CECILIA, CA
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[54] **PROCESS FOR THE PREPARATION OF 2-OR-9-OXA-3, 7-DIAZABICYCLO (3.3.1) NONANES FROM 2-AMINOMETHYL-2, 3-DIHYDROOXAZINES, INTERMEDIATES THEREFORE, AND PROCESSES FOR PREPARING SUCH INTERMEDIATES**
[54] **PROCEDE DE PREPARATION DE 2-OU-9-OXA-3, 7-DIAZABICYCLO (3.3.1) NONANES A PARTIR DE 2-AMINOMETHYL-2, 3-DIHYDROOXAZINES, DE LEURS INTERMEDIAIRES, ET PROCEDES DE PREPARATION DESDITS INTERMEDIAIRES**
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[71] ASTRAZENECA AB, SE
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[54] **OPTICAL PUMP DEVICE WITH SEVERAL OUTPUT PATHS AND USE OF SAME IN AN AMPLIFIER DEVICE**
[72] BARBIER, DENIS, FR
[72] JACQUIN, OLIVIER, FR
[72] MOLVA, ENGIN, FR
[71] TEEM PHOTONICS, FR
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[54] **IMPROVEMENTS RELATING TO TORSO SUPPORT STRUCTURES**
[54] **AMELIORATIONS ASSOCIEES A DES STRUCTURES DE SUPPORT DU TORSE**
[72] GOLDSMITH, JOHN EDWARD, GB
[72] MOORE, STUART, GB
[71] THE HELPING HAND COMPANY (LEDBURY) LIMITED, GB
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[54] **CELLULE PRIMAIRE A ELECTROLYTE NON AQUEUX ET ADDITIF POUR ELECTROLYTE NON AQUEUX DE LADITE CELLULE**
[72] OTSUKI, MASASHI, JP
[72] EGUCHI, SHINICHI, JP
[72] KANNO, HIROSHI, JP
[71] BRIDGESTONE CORPORATION, JP
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[72] MICHAELIS, ARTHUR F., US
[72] ZHA, CONGXIANG, US
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[54] **METHOD OF MAKING SHAPED COMPONENTS FOR DISPOSABLE ABSORBENT ARTICLES**
[54] **PROCEDE DE FABRICATION D'ELEMENTS EN FORME DESTINES A DES ARTICLES ABSORBANTS JETABLES**
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[72] RANGACHARI, KRISHAKUMAR, US
[71] RAYONIER PRODUCTS AND FINANCIAL SERVICES COMPANY, US
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[25] EN
[54] **METHODS OF STORING AND/OR DELIVERING AN OLIGOMER AND/OR POLYMER APPLIED ON A SUPPORT, AND SUPPORTS THEREOF**
[54] **PROCEDES POUR STOCKER ET/OU DISTRIBUER UN OLIGOMERE ET/OU UN POLYMERE APPLIQUE SUR UN SUPPORT ET SUPPORTS ASSOCIES**
[72] HAYASHIZAKI, YOSHIHIDE, JP
[71] RIKEN, JP
[71] KABUSHIKI KAISHA DNAFORM, JP
[85] 2004-05-03
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[51] **Int.Cl. 7A61M 1/00 7A61B 17/32**
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[54] **LIPOSUCTION DEVICES AND METHODS AND SURROUNDING ASPIRATION SYSTEMS AND METHODS**
[54] **DISPOSITIFS DE LIPOSUCCION ET SYSTEMES ET PROCEDES D'ASPIRATION POUR ZONES ALENTOUR**
[72] TAZI, EL HASSANE, MA
[71] TAZI, EL HASSANE, MA
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[72] STAPHANOS, STEPHEN T., US
[72] KEYES, MARION A., US
[71] ROSEMOUNT ANALYTICAL INC., US
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[72] RANJAN, RAJIV, IN
[72] BHATNAGAR, AKHILESH KUMAR, IN
[72] VERMA, RAM PRAKASH, IN
[72] RAJE, NIRANJAN RAGHUNATH, IN
[72] SWAMI, KRISHAN KUMAR, IN
[72] TULI, DEEPAK KUMAR, IN
[72] PARKASH, SHANTI, IN
[72] SARIN, RAKESH, IN
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[54] **PROCEDE D'EVALUATION DE LA DISTRIBUTION DE DONNEES DE PROGRAMME**
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[54] **PROCEDE D'ASSEMBLAGE ET D'AFFICHAGE DE DONNEES**
[72] FURUSHO, SHINJI, JP
[71] TURBO DATA LABORATORIES, INC., JP
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[54] **PROTHESE ET PROCEDE POUR REMPLACER LE NOYAU GELATINEUX D'UN DISQUE INTERVERTEBRAL OU POUR REMPLACER UN DISQUE INTERVERTEBRAL COMPLET**
[72] COVIELLO, SALLIE KATE, US
[72] WARD, ROBERT STANTON, US
[72] LI, LEHMANN K., US
[72] MAGUIRE, STEPHEN A., US
[72] LEONARD, EDWARD F., US
[72] CORRAO, ERNEST N., JR., US
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[54] **METHODS FOR MONITORING AND GUIDING THERAPEUTIC SUPPRESSION OF PARATHYROID HORMONE IN RENAL PATIENTS HAVING SECONDARY HYPERPARATHYROIDISM**
[54] **METHODES DE SURVEILLANCE ET DE GUIDAGE DE LA SUPPRESSION THERAPEUTIQUE DE L'HORMONE PARATHYROIDE CHEZ DES PATIENTS SOUFFRANT D'UNE MALADIE RENALE ET PRESENTANT UN HYPERPARATHYROIDISME SECONDAIRE**
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[71] SCANTIBODIES LABORATORY, INC., US
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[54] **SYSTEME DE PROTECTION CONTRE LA MANIPULATION D'UN VEHICULE**
[72] GUSTAVSSON, TOMMY, US
[72] BLACKARD, MICHAEL, US
[72] KIDD, BRIAN, US
[72] BATE, JOHN, US
[71] VOLVO TRUCKS NORTH AMERICA, INC., US
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[25] EN
[54] **A METHOD OF DETECTING AND/OR IDENTIFYING ADENO-ASSOCIATED VIRUS (AAV) SEQUENCES AND ISOLATING NOVEL SEQUENCES IDENTIFIED THEREBY**
[54] **METHODE DE DETECTION ET/OU D'IDENTIFICATION DE SEQUENCES DE VIRUS ASSOCIES AUX ADENOVIRUS (AAV) ET D'ISOLATION DE NOUVELLES SEQUENCES AINSI IDENTIFIEES**
[72] GAO, GUANGPING, US
[72] WILSON, JAMES M., US
[72] ALVIRA, MAURICIO R., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[30] US (60/350,607) 2001-11-13
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[54] **DERIVES HETEROARYLES EN TANT QUE LIGANDS SUPERIEUR POUR RECEPTEUR DE LA NOCICEPTINE ORL-1**
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[72] NG, FAY W., US
[72] HO, GINNY D., US
[71] SCHERING CORPORATION, US
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[54] **CONJUGUES DE POLYMERES/PEPTIDES THYMOSINE ALPHA 1**
[72] RUDOLPH, ALFRED R., US
[72] TUTHILL, CYNTHIA W., US
[71] SCICLONE PHARMACEUTICALS, INC., US
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[54] **ROTARY SILICON WAFER CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE PLAQUETTE DE SILICIUM ROTATIF**
[72] SHIRAI, YASUYUKI, JP
[72] OHMI, TADAHIRO, JP
[72] KAWADA, KOJI, JP
[72] FUJITA, TAKUMI, JP
[72] MINAMI, YUKIO, JP
[72] MORIMOTO, AKIHIRO, JP
[72] IKEDA, NOBUKAZU, JP
[71] FUJIKIN INCORPORATED, JP
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[54] **PLASMA PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT PLASMA**
[72] SHIMIZU, HARUKAZU, JP
[72] YASHIRO, SUSUMU, JP
[72] MAYUMI, SATOSHI, JP
[72] HINO, MAMORU, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2004-05-03
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[87] 2004-03-11 (WO2004/021748)
[30] JP (2002/254625) 2002-08-30
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[51] **Int.Cl. 7B05B 11/00 7A47K 5/14**
[25] EN
[54] **FOAM DISPENSER, HOUSING AND STORAGE HOLDER THEREFOR**
[54] **DISTRIBUTEUR DE MOUSSE, SON LOGEMENT ET SON SUPPORT DE STOCKAGE**
[72] GANZEBOOM, WILHELMUS EVERHARDUS, NL
[71] BENTFIELD EUROPE B.V., NL
[85] 2004-05-03
[86] 2002-11-11 (PCT/NL2002/000724)
[87] 2003-07-24 (WO2003/059524)
[30] NL (1019348) 2001-11-12

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[51] **Int.Cl. 7A61B 5/00**
[25] EN
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[54] **SYSTEME DE MESURE DU TAUX DE GLUCOSE DANS LE SANG ENTIER SANS REACTIF**
[72] GABLE, JENNIFER H., US
[72] FENNELL, MARTIN J., US
[72] GOLDBERGER, DANIEL S., US
[72] WITTE, KENNETH G., US
[72] CORTELLA, JULIAN M., US
[72] LI, KENNETH I., US
[72] AGOSTINO, MARK D., US
[72] KLONOFF, DAVID, C., US
[72] SHEILL, JANE J., US
[72] HARTSTEIN, PHILIP C., US
[72] MUNROW, MIKE A., US
[72] HALL, W. DALE, US
[72] SMITH, HEIDI M., US
[72] ZHENG, PENG, US
[72] STERLING, BERNHARD B., US
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[54] **ANTICORPS RECOMBINES SERVANT A LA DETECTION ET A LA NEUTRALISATION DE LA TOXINE DE L'ANTHRAX**
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[72] GEORGIOU, GEORGE, US
[72] MAYNARD, JENNIFER A., US
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[54] **INHIBITEURS DE LA PHOSPHODIESTERASE V DE DERIVES POLYCYCLIQUES DE GUANINE**
[72] ASBEROM, THEODROS, US
[72] CLADER, JOHN W., US
[72] PISSARNITSKI, DMITRI A., US
[72] HU, YUEQING, US
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[72] PETERSON, WARD M., US
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[72] SHENK, MICHAEL ANDREW, NZ
[72] GLENN, MATTHEW, NZ
[72] HALL, CLAIRE, NZ
[72] DEMMER, JEROEN, NZ
[72] FORSTER, RICHARD L., NZ
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[54] **COMPOSITION CONTENANT UN EXTRAIT DE PERICARPIUM ZANTHOXYLI DESTINEE A PROTEGER LES CELLULES CEREBRALES ET AMELIORER LA MEMOIRE**
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[72] PERTSIKOV, BORIS, IL
[72] TISHIN, BORIS, IL
[72] DOLITZKI, BEN ZION, IL
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[72] QUAX, PAULUS HUBERTUS ANDREAS, NL
[72] VAN DER BAS, JOHANNA MARIA, NL
[72] VAN BOCKEL, JOHAN HAJO, NL
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[54] **PROCEDE DE SYNTHESE DE METALLOALUMINOPHOSPHATE MICROPOREUX CRISTALLIN A PARTIR D'UN CORPS SOLIDE**
[72] HANSEN, EDDY WALTHER, NO
[72] DAHL, IVAR MARTIN, NO
[72] WENDELBO, RUNE, NO
[72] SLAGTERN, ASE, NO
[72] FUGLERUD, TERJE, NO
[72] GRONVOLD, ARNE GIDLOV, NO
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[54] **PROCEDES ET COMPOSITIONS DE DIAGNOSTIC DES SENSIBILITES AU CANCER, MECANISMES DE REPARATION D'ADN DEFECTUEUX ET TRAITEMENT CORRESPONDANT**
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[72] FOX, EDWARD A., US
[72] TANIGUCHI, TOSHIYASU, US
[72] TIMMERS, CYNTHIA, US
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[54] **TUBE COMPOSITE ENROULABLE A MATRICE DURCIE PAR CATALYSE**
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[72] WIDEMAN, THOMAS W., US
[72] NOLET, STEPHEN C., US
[72] FEECHAN, MICHAEL, US
[71] FIBERSPAR CORPORATION, US
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[54] **ASSEMBLAGE DE BARRIERES DE LIQUIDE**
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[72] PEACOCK, CHRISTOPHER JOHN, GB
[71] AQUA BARRIER INTERNATIONAL LIMITED, GB
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[54] **FERMETURE A OUVERTURE RAPIDE, CONTENANT EQUIPE D'UNE TELLE FERMETURE, ET APPAREIL DE PRODUCTION DE CETTE FERMETURE**
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[72] EMMERZAAL, ED, NL
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[54] **COMPOSITION POUR CAPSULE A VIS**
[72] DE CAMBRY DE BAUDIMONT, GUY, BE
[72] VANDEN BERGHE, PASCAL, BE
[71] SOLVAY POLYOLEFINS EUROPE-BELGIUM (SOCIETE ANONYME), BE
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[54] **LIQUID SYSTEM WITH IMPROVED FLUID DISPLACEMENT**
[54] **SYSTEME HYDRAULIQUE AVEC DEPLACEMENT FLUIDIQUE AMELIORE**
[72] MCGRATH, TIMOTHY, US
[72] ROSEN, ROBERT A., US
[72] BENNETT, RICHARD N., US
[72] PARIHAR, SHAILENDRA K., US
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[54] **PROCEDE DE PRODUCTION DE GAZ HYDROGENE**
[72] LANGER, DEBORAH A., US
[72] MULLAY, JOHN J., US
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[54] **APPAREILS PERMETTANT DE CORRIGER ET DE TRAITER DES DEFORMATIONS DE LA COLONNE VERTEBRALE ET TECHNIQUES CORRESPONDANTS**
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[72] SHERMAN, MICHAEL C., US
[72] MOLZ, FRED J., IV, US
[72] BRAUN, JOHN T., US
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[72] DELISLE, COREY, US
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[71] AVICI SYSTEMS, INC., US
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[54] **METHOD OF PROVIDING AN ELECTROLUMINESCENT COATING SYSTEM FOR A VEHICLE AND AN ELECTROLUMINESCENT COATING SYSTEM THEREOF**
[54] **PROCEDE POUR PRODUIRE UN SYSTEME DE REVETEMENT ELECTROLUMINESCENT DESTINE A UN VEHICULE ET SYSTEME DE REVETEMENT ELECTROLUMINESCENT**
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[72] SERDIUK, PAUL, US
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[54] **COMPOSITIONS PROBIOTIQUES**
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[71] GANEDEN BIOTECH, INC., US
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[54] **BRANCHED POLYMERS AND THEIR CONJUGATES**
[54] **POLYMERES RAMIFIES ET CONJUGUES ASSOCIES**
[72] ZHAO, XUAN, US
[72] BENTLEY, MICHAEL DAVID, US
[72] SHEN, XIAOMING, US
[72] BATTLE, WILLIAM DUDLEY, III, US
[71] NEKTAR THERAPEUTICS AL, CORPORATION, US
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[25] EN
[54] **INTRAORALLY DISINTEGRATING VALDECOXIB COMPOSITIONS PREPARED BY FLUID BED GRANULATION PROCESS**
[54] **COMPOSITIONS DE VALDECOXIB A DESINTEGRATION INTRA-BUCCALE PREPAREES AU MOYEN D'UN PROCEDE DE GRANULATION EN LIT FLUIDISE**
[72] YAMAMOTO, KEN, US
[72] REO, JOSEPH P., US
[72] TAKAHASHI, KOJI, JP
[71] PHARMACIA CORPORATION, US
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[54] **APPAREIL COAGULATEUR ULTRASONORE A CLAMP AVEC AMELIORATION PORTANT SUR UN EFFECTEUR DE CLAMPAGE D'EXTREMITE**
[72] WAMPLER, SCOTT, US
[72] CUMMINGS, JOHN, US
[72] CRAIG, WAYNE H., US
[72] YATES, DAVID, US
[72] GIORDANO, JAMES R., US
[72] NEUENFELDT, STEVE K., US
[72] HOUSER, KEVIN, US
[72] SCHWEMBERGER, RICHARD, US
[71] ETHICON ENDO-SURGERY, INC., US
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[54] **PROCEDE ET INSTRUMENT DE CHIRURGIE DE LA CATARACTE**
[72] ANTHONE, KENNETH D., US
[71] ANTHONE, KENNETH D., US
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[51] **Int.Cl. 7A61M 29/00**
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[54] **STENT DELIVERY DEVICE WITH EMBOLIC PROTECTION**
[54] **DISPOSITIF DE POSE D'ENDOPROTHESE A PROTECTION EMBOLIQUE**
[72] SCHLEGEL, KARRI L., US
[72] LINDER, RICHARD J., US
[72] JOHNSON, STEVEN W., US
[72] EDMISTON, DARYL R., US
[71] RUBICON MEDICAL, INC., US
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[30] US (60/344,661) 2001-11-09
[30] US (60/345,333) 2001-11-09
[30] US (60/341,092) 2001-12-12
[30] US (60/347,500) 2002-01-11
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[30] US (10/290,099) 2002-11-07

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[54] **PROCEDE ET SYSTEME DE PRESTATION DE SERVICE D'EVENEMENTS SUR LA BASE DE LA POSITION TOPOGRAPHIQUE**
[72] HAN, SONG, US
[72] BISWAS, PRABUDDHA, US
[72] WU, JING, US
[71] ORACLE INTERNATIONAL CORPORATION, US
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[54] **POST-TREATMENT FOR ANODIZED ALUMINUM**
[54] **POST-TRAITEMENT D'ALUMINIUM ANODISE**
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[72] GREEN, JAMES L., III, US
[72] KANE, MICHAEL J., US
[71] THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE NAVY, US
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[87] 2003-05-15 (WO2003/040437)
[30] US (10/012,982) 2001-11-06

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[54] **APPAREIL DE NETTOYAGE**
[72] PUBL, RUDY, US
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[71] SAFETY-KLEEN SYSTEMS, INC., US
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[25] EN
[54] **STENT DELIVERY DEVICE WITH EMBOLIC PROTECTION**
[54] **DISPOSITIF DE POSE D'ENDOPROTHESE A PROTECTION EMBOLIQUE**
[72] SCHLEGEL, KARRI L., US
[72] EDMISTON, DARYL R., US
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[71] RUBICON MEDICAL, INC., US
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[54] **PUCE A SURFACE HYDROPHOBE**
[72] UM, PIL-JE, US
[72] POHL, CHRISTOPHER A., US
[71] CIPHERGEN BIOSYSTEMS, INC., US
[85] 2004-05-03
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[54] **DISHWASHING CLEANING WIPES**
[54] **CHIFFONS DE NETTOYAGE POUR LAVER LA VAISSELLE**
[72] THOMAS, BARBARA, US
[72] WISNIEWSKI, KAREN, US
[72] BARRY, DAWNE, CA
[72] SUAZON, LAMBERTA, CA
[72] FLETCHER, JOHN, CA
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **APO2 LIGAND/TRAIL FORMULATIONS**
[54] **FORMULATIONS TRAIL/LIGAND APO2**
[72] MATTHEWS, TIMOTHY C., US
[72] PAI, ROGER, US
[72] SHAHROKH, ZAHRA, US
[72] LIN, TANYA P., US
[72] FLORES, HEATHER, US
[71] GENENTECH, INC., US
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[54] **CLEANING WIPE**
[54] **CHIFFON DE NETTOYAGE**
[72] SUAZON, LAMBERTA, CA
[72] THOMAS, BARBARA, US
[72] WISNIEWSKI, KAREN, US
[72] BARRY, DAWNE, CA
[72] FLETCHER, JOHN, CA
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **STERILE OCULAR COVER**
[54] **COUVERCLE OCULAIRE STERILE**
[72] MORRIS, DAVID, US
[71] MORRIS, DAVID, US
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[87] 2003-05-15 (WO2003/039415)
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[25] EN
[54] **TREATING CANKER SORES WITH PATCHES TO SPEED HEALING AND RELIEVE PAIN**
[54] **TRAITEMENT D'APHTES AU MOYEN DE PATCHS PERMETTANT DE GUERIR ET DE SOULAGER LA DOULEUR RAPIDEMENT**
[72] HALEY, JEFFREY T., US
[71] ORAHEALTH CORPORATION, US
[85] 2004-05-03
[86] 2002-11-05 (PCT/US2002/035399)
[87] 2003-05-15 (WO2003/039465)
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[25] EN
[54] **NOVEL BENZOYLECGONINE COMPOSITIONS AND METHODS FOR PRODUCING THEM**
[54] **NOUVELLES COMPOSITIONS DE BENZOYLECGONINE ET PROCEDES PERMETTANT DE PRODUIRE CES COMPOSITIONS**
[72] ARCHER, NICHOLAS JAMES, GB
[71] ENTROPIN, INC., US
[85] 2004-05-03
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[87] 2003-05-22 (WO2003/042209)
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[54] **MELANGE A MOULER EN FEUILLE FAIBLE TRANSPARENCE ET A LIAISON PAR RESINE EPOXY**
[72] DAMICO, DENNIS J., US
[72] PUGNE, DAVID R., US
[71] LORD CORPORATION, US
[85] 2004-05-03
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[72] SEITZ, THOMAS, DE
[72] KRAATZ, UDO, DE
[72] JANSEN, JOHANNES-RUDOLF, DE
[72] ERDELEN, CHRISTOPH, DE
[72] TURBERG, ANDREAS, DE
[72] FUESSLEIN, MARTIN, DE
[72] HANSEN, OLAF, DE
[71] BAYER CROPSCIENCE AG, DE
[85] 2004-05-04
[86] 2002-11-04 (PCT/EP2002/012259)
[87] 2003-05-15 (WO2003/040130)
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[54] **PIGMENT**
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[72] KULAES, ELIN, NO
[72] AANESEN, BERIT ANNIE, NO
[72] BREIVIK, HARALD, NO
[71] NORSK HYDRO ASA, NO
[85] 2004-05-04
[86] 2002-10-15 (PCT/NO2002/000373)
[87] 2003-05-15 (WO2003/040238)
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[25] EN
[54] **SUBSTITUTED INDOLIZINE-LIKE COMPOUNDS AND METHODS OF USE**
[54] **COMPOSES DE TYPE INDOLIZINE SUBSTITUES ET LEURS METHODES D'UTILISATION**
[72] DOMINGUEZ, CELIA, US
[72] CAI, GUOLIN, US
[72] CHAU, JENNIFER N., US
[72] RISHTON, GILBERT M., US
[72] LU, YUELIE, US
[71] AMGEN INC., US
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[25] EN
[54] **METHOD FOR THE PRODUCTION OF FUEL FROM ACID FATS AND SYSTEM FOR CARRYING OUT SAID METHOD**
[54] **PROCEDE DE FABRICATION DE CARBURANTS A PARTIR DE GRAISSES ACIDES ET DISPOSITIF CORRESPONDANT**
[72] PIACENTINI, ALDO, DE
[72] NIESNER, RENE, DE
[71] GMK-GESELLSCHAFT FUR MOTOREN UND KRAFTANLAGEN MBH, DE
[85] 2004-05-04
[86] 2002-11-08 (PCT/EP2002/012536)
[87] 2003-05-15 (WO2003/040268)
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[25] EN
[54] **METHOD FOR SELECTING GENETICALLY TRANSFORMED CELLS**
[54] **METHODE DE SELECTION DE CELLULES GENETIQUEMENT TRANSFORMEES**
[72] SCHLUEPMANN, HENRIETTE, NL
[72] SMEEKENS, JOSEPHUS CHRISTIANUS MARIA, NL
[71] STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN, NL
[85] 2004-05-04
[86] 2002-11-06 (PCT/EP2002/012478)
[87] 2003-05-15 (WO2003/040377)
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[25] EN
[54] **COMPOSITION CONTAINING FEVERFEW EXTRACT AND USE THEREOF**
[54] **COMPOSITION CONTENANT UN EXTRAIT DE CHRYSANTHEME-MATRICAIRE ET UTILISATION DE CELLE-CI**
[72] EISINGER, MAGDALENA, US
[72] ZHANG, LI, US
[72] MARTIN, KATHARINE M., US
[72] SALIOU, CLAUDE, US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[85] 2004-05-05
[86] 2003-09-08 (PCT/US2003/028032)
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[51] **Int.Cl. 7G01R 33/58 7A61B 6/00 7G09B 23/28**
[25] EN
[54] **MULTIMODALITY IMAGING PHANTOM AND PROCESS FOR MANUFACTURING SAID PHANTOM**
[54] **FANTOME POUR IMAGERIE MULTIMODALITE ET PROCEDE PERMETTANT LA PRODUCTION DE CE FANTOME**
[72] QANADLI, SALAH DINE, CA
[72] TEPPAZ, PIERRE, FR
[72] DURAND, LOUIS-GILLES, CA
[72] CLOUTIER, GUY, CA
[72] CIMON, RICHARD, CA
[72] SOULEZ, GILLES, CA
[71] INSTITUT DE RECHERCHES CLINIQUES DE MONTREAL/IRCM, CA
[71] CENTRE HOSPITALIER DE L'UNIVERSITE DE MONTREAL, CA
[71] UNIVERSITE DE MONTREAL, CA
[85] 2004-05-04
[86] 2002-11-05 (PCT/CA2002/001633)
[87] 2003-05-15 (WO2003/040745)
[30] US (10/010,886) 2001-11-08

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[25] EN
[54] **SENSOR AND METHOD FOR MEASURING PHYSIOLOGICAL PARAMETERS**
[54] **CAPTEUR ET PROCEDE POUR LA MESURE DE PARAMETRES PHYSIOLOGIQUES**
[72] TSCHUPP, ANDRES, CH
[72] ROOST, MATTHIAS, CH
[72] LANG, JOSEPH, FR
[71] SENTEC AG, CH
[85] 2004-05-05
[86] 2001-11-23 (PCT/CH2001/000685)
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[25] EN
[54] **ADDRESSING AND ROUTING IN WIRELESS MESH NETWORKS**
[54] **ADRESSAGE ET ROUTAGE DANS DES RESEAUX MAILLES SANS FILS**
[72] KUJALA, JOUNI, FI
[72] KOSKIAHDE, TIMO, FI
[71] NOKIA CORPORATION, FI
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[25] EN
[54] **PROCESS AID FOR MELT PROCESSABLE POLYMERS**
[54] **ADJUVANT DE TRAITEMENT POUR DES POLYMERES POUVANT ETRE TRAITES A L'ETAT FONDU**
[72] ORIANI, STEPHEN RICHARD, US
[71] DUPONT DOW ELASTOMERS L.L.C., US
[85] 2004-05-05
[86] 2002-11-06 (PCT/US2002/035616)
[87] 2003-05-15 (WO2003/040232)
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[25] EN
[54] **CYANOALKYLAMINO DERIVATIVES AS PROTEASE INHIBITORS**
[54] **DERIVES CYANOALKYLAMINO UTILISES COMME INHIBITEURS DE LA PROTEASE**
[72] BLACK, CAMERON, CA
[72] CRANE, SHELDON N., CA
[72] DAVIS, DANA, US
[72] SETTI, EDUARDO L., US
[71] MERCK FROSST CANADA & CO., CA
[71] AXYS PHARMACEUTICALS, INC., US
[85] 2004-05-04
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[87] 2003-05-22 (WO2003/041649)
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[51] **Int.Cl. 7C08L 71/02 7A61K 47/00 7A61K 47/48**
[25] EN
[54] **SYNTHETIC MATRIX FOR CONTROLLED CELL INGROWTH AND TISSUE REGENERATION**
[54] **MATRICE SYNTHETIQUE DE CROISSANCE CELLULAIRE INTERNE ET DE REGENERATION TISSULAIRE CONTROLEES**
[72] SCHENSE, JASON CHARLES, CH
[72] JEN, ANNA, CH
[72] LUETOLF, MATTHIAS, CH
[72] HUBBELL, JEFFREY ALAN, CH
[71] EIDGENOESSISCH TECHNISCHE HOCHSCHULE ZUERICH, CH
[71] UNIVERSITAT ZURICH, CH
[85] 2004-05-05
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[87] 2003-05-15 (WO2003/040235)
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[51] **Int.Cl. 7C09K 11/06 7H05B 33/14 7H01L 51/20**
[25] EN
[54] **ELECTROLUMINESCENT PLATINUM COMPOUNDS AND DEVICES MADE WITH SUCH COMPOUNDS**
[54] **COMPOSES DE PLATINE ELECTROLUMINESCENTS ET DISPOSITIFS PRODUITS AVEC LESDITS COMPLEXES**
[72] WANG, YING, US
[72] SMITH, ERIC MAURICE, US
[72] PETROV, VIACHESLAV A., US
[72] LECLOUX, DANIEL DAVID, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2004-05-05
[86] 2002-11-04 (PCT/US2002/035430)
[87] 2003-05-15 (WO2003/040257)
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[51] **Int.Cl. 7A62B 3/00**
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[54] **DEVICE FOR BREAKING GLASS**
[54] **DISPOSITIF PERMETTANT DE CASSER UNE VITRE**
[72] PEERS-SMITH, ROY PETER, GB
[72] PARTINGTON, ANTHONY GRAHAM, GB
[72] LAWRANCE, MARTIN, GB
[71] P.W. ALLEN & COMPANY LIMITED, GB
[85] 2004-05-05
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[87] 2003-05-22 (WO2003/041800)
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[51] **Int.Cl. 7A63B 37/06**
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[54] **MULTI-LAYER GOLF BALL**
[54] **BALLE DE GOLF MULTICOUCHE**
[72] KELLER, VIKTOR, US
[72] NEALON, JOHN L., US
[72] RISEN, WILLIAM M., JR., US
[72] BINETTE, MARK L., US
[72] KENNEDY, THOMAS, J. III, US
[72] TZIVANIS, MICHAEL J., US
[71] CALLAWAY GOLF COMPANY, US
[85] 2004-05-05
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[87] 2003-05-15 (WO2003/039683)
[30] US (09/993,422) 2001-11-05

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[25] EN
[54] **ANTIBODIES TO CD40**
[54] **ANTICORPS ANTI-CD40**
[72] CORVALAN, JOSE, US
[72] BEDIAN, VAHE, US
[72] GLADUE, RONALD P., US
[72] JIA, XIAO-CHI, US
[72] FENG, XIAO, US
[71] PFIZER PRODUCTS INC., US
[71] ABGENIX, INC., US
[85] 2004-05-05
[86] 2002-11-08 (PCT/US2002/036107)
[87] 2003-05-15 (WO2003/040170)
[30] US (60/348,980) 2001-11-09

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[51] **Int.Cl. 7A61K 31/205 7A61P 15/00 7A61K 31/277**
[25] EN
[54] **USE OF PROPIONYL L-CARNITINE OR ONE OF ITS PHARMACOLOGICALLY ACCEPTABLE SALTS FOR THE PREPARATION OF A MEDICINE FOR THE TREATMENT OF LA PEYRONIE'S DISEASE**
[54] **UTILISATION DE PROPIONYL L-CARNITINE OU D'UN DE SES SELS PHARMACEUTIQUEMENT ACCEPTABLES DANS LA FABRICATION D'UN MEDICAMENT DESTINE AU TRAITEMENT DE LA MALADIE DE LA PEYRONIE**
[72] KOVERECH, ALEARDO, IT
[72] CAVALLINI, GIORGIO, IT
[72] BIAGIOTTI, GIULIO, IT
[71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT
[85] 2004-05-04
[86] 2002-11-26 (PCT/IT2002/000745)
[87] 2003-06-05 (WO2003/045373)
[30] IT (RM2001A000695) 2001-11-26

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[25] EN
[54] **NOVEL 1,2,4-THIADIAZOLE DERIVATIVES AS MELANOCORTIN RECEPTOR MODULATORS**
[54] **NOUVEAUX DERIVES DE 1,2,4-THIADIAZOLE COMME MODULATEURS DU RECEPTEUR DE LA MELANOCORTINE**
[72] FITZPATRICK, LOUIS J., US
[72] EISINGER, MAGDALENA, US
[72] PAN, KEVIN, US
[72] SMITH-SWINTOSKY, VIRGINIA L., US
[72] ZHAO, BOYU, US
[72] REITZ, ALLEN B., US
[72] PLATA-SALAMAN, CARLOS, US
[72] LEE, DANIEL H., US
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
[85] 2004-05-05
[86] 2002-11-04 (PCT/US2002/035340)
[87] 2003-05-15 (WO2003/040117)
[30] US (60/337,927) 2001-11-08

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[51] **Int.Cl. 7H01L 33/00 7H01L 21/02**
[25] EN
[54] **NITRIDE SEMICONDUCTOR DEVICE HAVING SUPPORT SUBSTRATE AND ITS MANUFACTURING METHOD**
[54] **DISPOSITIF A SEMI-CONDUCTEUR A BASE DE NITRURE COMPRENANT UN SUBSTRAT DE SUPPORT, ET SON PROCEDE DE REALISATION**
[72] SANO, MASAHIKO, JP
[72] KAMADA, KAZUMI, JP
[72] NONAKA, MITSUHIRO, JP
[72] YAMAMOTO, MASASHI, JP
[71] NICHIA CORPORATION, JP
[85] 2004-05-04
[86] 2003-01-27 (PCT/JP2003/000757)
[87] 2003-08-07 (WO2003/065464)
[30] JP (2002-019192) 2002-01-28
[30] JP (2002-175686) 2002-06-17
[30] JP (2002-195179) 2002-07-03
[30] JP (2002-233866) 2002-08-09
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[51] **Int.Cl. 7C09K 11/06 7H05B 33/14 7H01L 51/20**
[25] EN
[54] **ELECTROLUMINESCENT IRIDIUM COMPOUNDS HAVING RED-ORANGE OR RED EMISSION AND DEVICES MADE WITH SUCH COMPOUNDS**
[54] **COMPOSES D'IRIDIUM ELECTROLUMINESCENTS A EMISSION ROUGE-ORANGE OU ROUGE, ET DISPOSITIFS FAITS AVEC DE TELS COMPOSES**
[72] PETROV, VIACHESLAV A., US
[72] LECLOUX, DANIEL DAVID, US
[72] WANG, YING, US
[71] E.I. DU PONT DE NEMOURS, US
[85] 2004-05-05
[86] 2002-11-04 (PCT/US2002/035429)
[87] 2003-05-15 (WO2003/040256)
[30] US (60/347,911) 2001-11-07

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[25] EN
[54] **NOVEL 1,2,4-THIADIAZOLIUM DERIVATIVES AS MELANOCORTIN RECEPTOR MODULATORS**
[54] **DERIVES 1,2,4-THIADIAZOLIUM EN TANT QUE MODULATEURS DE RECEPTEUR DE MELANOCORTINE**
[72] FITZPATRICK, LOUIS J., US
[72] ZHAO, BOYU, US
[72] EISINGER, MAGDALENA, US
[72] LEE, DANIEL H., US
[72] REITZ, ALLEN B., US
[72] SMITH-SWINTOSKY, VIRGINIA L., US
[72] PLATA-SALAMAN, CARLOS, US
[72] PAN, KEVIN, US
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
[85] 2004-05-05
[86] 2002-11-05 (PCT/US2002/035365)
[87] 2003-05-15 (WO2003/040118)
[30] US (60/337,762) 2001-11-08

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[13] A1
[51] **Int.Cl. 7B65G 47/38 7B65G 17/14 7B65G 17/32 7B65G 47/94**
[25] EN
[54] **APPARATUS AND TRANSPORT CONTAINER FOR TRANSPORT AND CONTROLLED DISCHARGE OF A LOAD**
[54] **APPAREIL ET CONTENEUR DE TRANSPORT PERMETTANT DE TRANSPORTER ET DE DECHARGER UNE CHARGE COMMANDEE**
[72] HOPMAN, JOZEF WALTER MARIA, NL
[72] BALK, WOUTER, NL
[71] EUROSORT B.V., NL
[85] 2004-05-04
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[30] DE (101 50 984.7) 2001-10-16

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[21] **2,467,018**
[13] A1
[51] **Int.Cl. 7A61L 27/54 7A61L 29/08 7A61L 31/10 7A61L 29/16 7A61L 31/16 7A61L 27/34**
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[72] BUCAY-COUTO, WEENNA, US
[72] LI, JAMIE (JIANMIN), US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2004-01-22
[86] 2002-07-17 (PCT/US2002/022749)
[87] 2003-02-06 (WO2003/009879)
[30] US (09/911,051) 2001-07-23

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[21] **2,467,494**
[13] A1
[51] **Int.Cl. 7E04D 1/34 7E04D 12/00 7E04D 1/36 7E04D 3/36**
[25] EN
[54] **WEATHER STRIPS**
[54] **BANDES D'ETANCHEITE**
[72] HICK, ROBERT MAINLAND, AU
[71] NU-LOK ROOFING SYSTEMS PTY LTD., AU
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[86] 2001-09-07 (PCT/AU2001/001122)
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[21] **2,461,157**
[13] A1
[51] **Int.Cl. 7A61K 9/22 7A61P 9/12 7A61K 47/30 7A61K 31/4422**
[25] EN
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[71] PENWEST PHARMACEUTICAL CO., US
[22] 1997-04-18
[41] 1997-10-23
[62] 2,251,816
[30] US (08/634,295) 1996-04-18

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[21] **2,465,078**
[13] A1
[51] **Int.Cl. 7A61L 2/20 7A61L 2/16**
[25] EN
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[72] CHEN, XIAOLAN, US
[72] LIN, SZU-MIN, US
[72] SPENCER, ROBERT M., US
[72] JACOBS, PAUL TAYLOR, US
[72] HAHS, MICHAEL, US
[71] ETHICON, INC., US
[22] 1996-10-28
[41] 1997-05-01
[62] 2,235,852
[30] US (08/549,425) 1995-10-27

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[21] **2,466,366**
[13] A1
[51] **Int.Cl. 7C01B 25/37 7C01D 15/00 7C01B 25/45 7H01M 4/58**
[25] EN
[54] **PREPARATION OF LITHIUM-CONTAINING MATERIALS**
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[72] SAIDI, M. YAZID, US
[72] SWOYER, JEFFREY L., US
[72] BARKER, JEREMY, GB
[71] VALENCE TECHNOLOGY, INC., US
[22] 2000-12-22
[41] 2001-07-26
[62] 2,395,115
[30] US (09/484,919) 2000-01-18

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[13] A1
[51] **Int.Cl. 7A23L 1/216 7B26D 3/11**
[25] EN
[54] **HELICAL SPIRAL FOOD PRODUCT AND APPARATUS FOR MAKING THE SAME**
[54] **ALIMENT EN SPIRALE HELICOIDALE ET APPAREIL DE FABRICATION**
[72] MENDENHALL, GEORGE A., US
[71] LAMB-WESTON, INC., US
[22] 1992-04-24
[41] 1992-11-12
[62] 2,102,602
[30] US (07/696,180) 1991-05-06

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[21] **2,466,894**
[13] A1
[51] **Int.Cl. 7H04N 7/173**
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[72] MILLER, LARRY, US
[72] KNUDSON, EDWARD, US
[72] ELLIS, MICHAEL D., US
[71] UNITED VIDEO PROPERTIES, INC., US
[22] 1996-04-24
[41] 1996-10-31
[62] 2,413,051
[30] US (08/428,809) 1995-04-24

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[21] **2,466,954**
[13] A1
[51] **Int.Cl. 7A01N 43/88 7C09D 139/00 7C09D 141/00 7A01N 43/72**
[25] EN
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[72] VAN GESTEL, JOZEF FRANS ELISABETHA, BE
[71] JANSSEN PHARMACEUTICA N.V., BE
[22] 1994-08-24
[41] 1995-03-02
[62] 2,168,357
[30] US (111,352) 1993-08-24

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[21] **2,466,959**
[13] A1
[51] **Int.Cl. 7C07C 43/20 7C07C 43/205**
[25] EN
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[72] PALUCKI, MICHAEL., US
[72] WOLFE, JOHN P., US
[72] BUCHWALD, STEPHEN L., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[22] 1997-10-10
[41] 1998-04-16
[62] 2,267,153
[30] US (08/728,449) 1996-10-10

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[21] **2,466,964**
[13] A1
[51] **Int.Cl. 7C07D 463/22 7C07D 463/10**
[25] EN
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[72] AMOS, JANE GOEDDE, US
[72] PRATHER, DOUGLAS EDWARD, US
[72] TOTH, JOHN ELDON, US
[71] ELI LILLY AND COMPANY, US
[22] 1994-06-13
[41] 1994-12-16
[62] 2,125,762
[30] US (08/077,305) 1993-06-15

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